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<data key="d5">Lancaster MA, Renner M, Martin CA, Wenzel D, Bicknell LS, Hurles ME, Homfray T, Penninger JM, Jackson AP, Knoblich JA.</data>

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<data key="d4">Master transcription factors and mediator establish super-enhancers at key cell identity genes.</data>

<data key="d5">Whyte WA, Orlando DA, Hnisz D, Abraham BJ, Lin CY, Kagey MH, Rahl PB, Lee TI, Young RA.</data>

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<data key="d5">Torper O, Pfisterer U, Wolf DA, Pereira M, Lau S, Jakobsson J, Björklund A, Grealish S, Parmar M.</data>

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<data key="d4">Robust cellular reprogramming occurs spontaneously during liver regeneration.</data>

<data key="d5">Yanger K, Zong Y, Maggs LR, Shapira SN, Maddipati R, Aiello NM, Thung SN, Wells RG, Greenbaum LE, Stanger BZ.</data>

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<data key="d5">Gao Y, Chen J, Li K, Wu T, Huang B, Liu W, Kou X, Zhang Y, Huang H, Jiang Y, Yao C, Liu X, Lu Z, Xu Z, Kang L, Chen J, Wang H, Cai T, Gao S.</data>

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<data key="d5">Reinhardt P, Schmid B, Burbulla LF, Schöndorf DC, Wagner L, Glatza M, Höing S, Hargus G, Heck SA, Dhingra A, Wu G, Müller S, Brockmann K, Kluba T, Maisel M, Krüger R, Berg D, Tsytsyura Y, Thiel CS, Psathaki OE, Klingauf J, Kuhlmann T, Klewin M, Müller H, Gasser T, Schöler HR, Sterneckert J.</data>

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<data key="d5">Okita K, Yamakawa T, Matsumura Y, Sato Y, Amano N, Watanabe A, Goshima N, Yamanaka S.</data>

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<data key="d4">Regulation of epithelial-mesenchymal and mesenchymal-epithelial transitions by microRNAs.</data>

<data key="d5">Lamouille S, Subramanyam D, Blelloch R, Derynck R.</data>

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<data key="d4">NANOG-dependent function of TET1 and TET2 in establishment of pluripotency.</data>

<data key="d5">Costa Y, Ding J, Theunissen TW, Faiola F, Hore TA, Shliaha PV, Fidalgo M, Saunders A, Lawrence M, Dietmann S, Das S, Levasseur DN, Li Z, Xu M, Reik W, Silva JC, Wang J.</data>

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<data key="d4">Gene therapy clinical trials worldwide to 2012 - an update.</data>

<data key="d5">Ginn SL, Alexander IE, Edelstein ML, Abedi MR, Wixon J.</data>

<data key="d6">J Gene Med</data>

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<data key="d4">Negligible immunogenicity of terminally differentiated cells derived from induced pluripotent or embryonic stem cells.</data>

<data key="d5">Araki R, Uda M, Hoki Y, Sunayama M, Nakamura M, Ando S, Sugiura M, Ideno H, Shimada A, Nifuji A, Abe M.</data>

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<data key="d4">In vivo reprogramming of murine cardiac fibroblasts into induced cardiomyocytes.</data>

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<data key="d5">Arrowsmith CH, Bountra C, Fish PV, Lee K, Schapira M.</data>

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<data key="d5">Wang Z, Oron E, Nelson B, Razis S, Ivanova N.</data>

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<data key="d5">Stadtfeld M, Apostolou E, Ferrari F, Choi J, Walsh RM, Chen T, Ooi SS, Kim SY, Bestor TH, Shioda T, Park PJ, Hochedlinger K.</data>

<data key="d6">Nat Genet</data>

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<data key="d5">Li M, He Y, Dubois W, Wu X, Shi J, Huang J.</data>

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<data key="d4">Slug and Sox9 cooperatively determine the mammary stem cell state.</data>

<data key="d5">Guo W, Keckesova Z, Donaher JL, Shibue T, Tischler V, Reinhardt F, Itzkovitz S, Noske A, Zürrer-Härdi U, Bell G, Tam WL, Mani SA, van Oudenaarden A, Weinberg RA.</data>

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<data key="d5">Singh AM, Reynolds D, Cliff T, Ohtsuka S, Mattheyses AL, Sun Y, Menendez L, Kulik M, Dalton S.</data>

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<data key="d5">Jain AK, Allton K, Iacovino M, Mahen E, Milczarek RJ, Zwaka TP, Kyba M, Barton MC.</data>

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<data key="d4">A mouse model of the most aggressive subgroup of human medulloblastoma.</data>

<data key="d5">Kawauchi D, Robinson G, Uziel T, Gibson P, Rehg J, Gao C, Finkelstein D, Qu C, Pounds S, Ellison DW, Gilbertson RJ, Roussel MF.</data>

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<data key="d5">Brookes E, de Santiago I, Hebenstreit D, Morris KJ, Carroll T, Xie SQ, Stock JK, Heidemann M, Eick D, Nozaki N, Kimura H, Ragoussis J, Teichmann SA, Pombo A.</data>

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<data key="d5">Lujan E, Chanda S, Ahlenius H, Südhof TC, Wernig M.</data>

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<data key="d5">Kumar SM, Liu S, Lu H, Zhang H, Zhang PJ, Gimotty PA, Guerra M, Guo W, Xu X.</data>

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<data key="d5">Robinton DA, Daley GQ.</data>

<data key="d6">Nature</data>

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<data key="d5">Amini AR, Laurencin CT, Nukavarapu SP.</data>

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<data key="d4">Cardiac regenerative capacity and mechanisms.</data>

<data key="d5">Kikuchi K, Poss KD.</data>

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<data key="d5">Rando TA, Chang HY.</data>

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<data key="d5">Burridge PW, Keller G, Gold JD, Wu JC.</data>

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<data key="d4">ROCK inhibitor and feeder cells induce the conditional reprogramming of epithelial cells.</data>

<data key="d5">Liu X, Ory V, Chapman S, Yuan H, Albanese C, Kallakury B, Timofeeva OA, Nealon C, Dakic A, Simic V, Haddad BR, Rhim JS, Dritschilo A, Riegel A, McBride A, Schlegel R.</data>

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<data key="d4">Forward and reverse genetics through derivation of haploid mouse embryonic stem cells.</data>

<data key="d5">Elling U, Taubenschmid J, Wirnsberger G, O'Malley R, Demers SP, Vanhaelen Q, Shukalyuk AI, Schmauss G, Schramek D, Schnuetgen F, von Melchner H, Ecker JR, Stanford WL, Zuber J, Stark A, Penninger JM.</data>

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<data key="d4">Using iPSC-derived neurons to uncover cellular phenotypes associated with Timothy syndrome.</data>

<data key="d5">Paşca SP, Portmann T, Voineagu I, Yazawa M, Shcheglovitov A, Paşca AM, Cord B, Palmer TD, Chikahisa S, Nishino S, Bernstein JA, Hallmayer J, Geschwind DH, Dolmetsch RE.</data>

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<data key="d5">Wang T, Chen K, Zeng X, Yang J, Wu Y, Shi X, Qin B, Zeng L, Esteban MA, Pan G, Pei D.</data>

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<data key="d4">The metabolome of induced pluripotent stem cells reveals metabolic changes occurring in somatic cell reprogramming.</data>

<data key="d5">Panopoulos AD, Yanes O, Ruiz S, Kida YS, Diep D, Tautenhahn R, Herrerías A, Batchelder EM, Plongthongkum N, Lutz M, Berggren WT, Zhang K, Evans RM, Siuzdak G, Izpisua Belmonte JC.</data>

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<data key="d5">Sheridan SD, Theriault KM, Reis SA, Zhou F, Madison JM, Daheron L, Loring JF, Haggarty SJ.</data>

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<data key="d5">Nori S, Okada Y, Yasuda A, Tsuji O, Takahashi Y, Kobayashi Y, Fujiyoshi K, Koike M, Uchiyama Y, Ikeda E, Toyama Y, Yamanaka S, Nakamura M, Okano H.</data>

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<data key="d5">Liou YC, Zhou XZ, Lu KP.</data>

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<data key="d5">Badylak SF, Taylor D, Uygun K.</data>

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<data key="d6">PLoS One</data>

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<data key="d5">Davis-Dusenbery BN, Chan MC, Reno KE, Weisman AS, Layne MD, Lagna G, Hata A.</data>

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<data key="d5">Tongers J, Losordo DW, Landmesser U.</data>

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<data key="d5">Yu F, Li J, Chen H, Fu J, Ray S, Huang S, Zheng H, Ai W.</data>

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<data key="d5">Zhu S, Li W, Zhou H, Wei W, Ambasudhan R, Lin T, Kim J, Zhang K, Ding S.</data>

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<data key="d5">Parrinello S, Napoli I, Ribeiro S, Wingfield Digby P, Fedorova M, Parkinson DB, Doddrell RD, Nakayama M, Adams RH, Lloyd AC.</data>

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<data key="d5">Warren L, Manos PD, Ahfeldt T, Loh YH, Li H, Lau F, Ebina W, Mandal PK, Smith ZD, Meissner A, Daley GQ, Brack AS, Collins JJ, Cowan C, Schlaeger TM, Rossi DJ.</data>

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<data key="d5">Kim K, Doi A, Wen B, Ng K, Zhao R, Cahan P, Kim J, Aryee MJ, Ji H, Ehrlich LI, Yabuuchi A, Takeuchi A, Cunniff KC, Hongguang H, McKinney-Freeman S, Naveiras O, Yoon TJ, Irizarry RA, Jung N, Seita J, Hanna J, Murakami P, Jaenisch R, Weissleder R, Orkin SH, Weissman IL, Feinberg AP, Daley GQ.</data>

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<data key="d5">Rashid ST, Corbineau S, Hannan N, Marciniak SJ, Miranda E, Alexander G, Huang-Doran I, Griffin J, Ahrlund-Richter L, Skepper J, Semple R, Weber A, Lomas DA, Vallier L.</data>

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<data key="d4">Differentiated Parkinson patient-derived induced pluripotent stem cells grow in the adult rodent brain and reduce motor asymmetry in Parkinsonian rats.</data>

<data key="d5">Hargus G, Cooper O, Deleidi M, Levy A, Lee K, Marlow E, Yow A, Soldner F, Hockemeyer D, Hallett PJ, Osborn T, Jaenisch R, Isacson O.</data>

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<data key="d6">J Mol Cell Cardiol</data>

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<data key="d4">Female human iPSCs retain an inactive X chromosome.</data>

<data key="d5">Tchieu J, Kuoy E, Chin MH, Trinh H, Patterson M, Sherman SP, Aimiuwu O, Lindgren A, Hakimian S, Zack JA, Clark AT, Pyle AD, Lowry WE, Plath K.</data>

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<data key="d5">Ieda M, Fu JD, Delgado-Olguin P, Vedantham V, Hayashi Y, Bruneau BG, Srivastava D.</data>

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<data key="d4">Oxygen in stem cell biology: a critical component of the stem cell niche.</data>

<data key="d5">Mohyeldin A, Garzón-Muvdi T, Quiñones-Hinojosa A.</data>

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<data key="d5">Chen T, Yuan D, Wei B, Jiang J, Kang J, Ling K, Gu Y, Li J, Xiao L, Pei G.</data>

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<data key="d5">West FD, Terlouw SL, Kwon DJ, Mumaw JL, Dhara SK, Hasneen K, Dobrinsky JR, Stice SL.</data>

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<data key="d5">Polo JM, Liu S, Figueroa ME, Kulalert W, Eminli S, Tan KY, Apostolou E, Stadtfeld M, Li Y, Shioda T, Natesan S, Wagers AJ, Melnick A, Evans T, Hochedlinger K.</data>

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<data key="d5">Tsuji O, Miura K, Okada Y, Fujiyoshi K, Mukaino M, Nagoshi N, Kitamura K, Kumagai G, Nishino M, Tomisato S, Higashi H, Nagai T, Katoh H, Kohda K, Matsuzaki Y, Yuzaki M, Ikeda E, Toyama Y, Nakamura M, Yamanaka S, Okano H.</data>

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<data key="d5">Moskowitz MA, Lo EH, Iadecola C.</data>

<data key="d6">Neuron</data>

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<data key="d5">Seki T, Yuasa S, Oda M, Egashira T, Yae K, Kusumoto D, Nakata H, Tohyama S, Hashimoto H, Kodaira M, Okada Y, Seimiya H, Fusaki N, Hasegawa M, Fukuda K.</data>

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<data key="d4">NANOG regulates glioma stem cells and is essential in vivo acting in a cross-functional network with GLI1 and p53.</data>

<data key="d5">Zbinden M, Duquet A, Lorente-Trigos A, Ngwabyt SN, Borges I, Ruiz i Altaba A.</data>

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<data key="d4">Functional genomics reveals a BMP-driven mesenchymal-to-epithelial transition in the initiation of somatic cell reprogramming.</data>

<data key="d5">Samavarchi-Tehrani P, Golipour A, David L, Sung HK, Beyer TA, Datti A, Woltjen K, Nagy A, Wrana JL.</data>

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<data key="d5">Li R, Liang J, Ni S, Zhou T, Qing X, Li H, He W, Chen J, Li F, Zhuang Q, Qin B, Xu J, Li W, Yang J, Gan Y, Qin D, Feng S, Song H, Yang D, Zhang B, Zeng L, Lai L, Esteban MA, Pei D.</data>

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<data key="d5">Lu Y, Futtner C, Rock JR, Xu X, Whitworth W, Hogan BL, Onaitis MW.</data>

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<data key="d5">Buecker C, Chen HH, Polo JM, Daheron L, Bu L, Barakat TS, Okwieka P, Porter A, Gribnau J, Hochedlinger K, Geijsen N.</data>

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<data key="d4">Chromatin-Remodeling Components of the BAF Complex Facilitate Reprogramming.</data>

<data key="d5">Singhal N, Graumann J, Wu G, Araúzo-Bravo MJ, Han DW, Greber B, Gentile L, Mann M, Schöler HR.</data>

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<data key="d5">Lian I, Kim J, Okazawa H, Zhao J, Zhao B, Yu J, Chinnaiyan A, Israel MA, Goldstein LS, Abujarour R, Ding S, Guan KL.</data>

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<data key="d4">Human embryonic stem cells with biological and epigenetic characteristics similar to those of mouse ESCs.</data>

<data key="d5">Hanna J, Cheng AW, Saha K, Kim J, Lengner CJ, Soldner F, Cassady JP, Muffat J, Carey BW, Jaenisch R.</data>

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<data key="d5">Cho HJ, Lee CS, Kwon YW, Paek JS, Lee SH, Hur J, Lee EJ, Roh TY, Chu IS, Leem SH, Kim Y, Kang HJ, Park YB, Kim HS.</data>

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<data key="d4">Dynamic single-cell imaging of direct reprogramming reveals an early specifying event.</data>

<data key="d5">Smith ZD, Nachman I, Regev A, Meissner A.</data>

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<data key="d5">Liu M, Casimiro MC, Wang C, Shirley LA, Jiao X, Katiyar S, Ju X, Li Z, Yu Z, Zhou J, Johnson M, Fortina P, Hyslop T, Windle JJ, Pestell RG.</data>

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<data key="d4">Live cell imaging distinguishes bona fide human iPS cells from partially reprogrammed cells.</data>

<data key="d5">Chan EM, Ratanasirintrawoot S, Park IH, Manos PD, Loh YH, Huo H, Miller JD, Hartung O, Rho J, Ince TA, Daley GQ, Schlaeger TM.</data>

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<data key="d5">Ichida JK, Blanchard J, Lam K, Son EY, Chung JE, Egli D, Loh KM, Carter AC, Di Giorgio FP, Koszka K, Huangfu D, Akutsu H, Liu DR, Rubin LL, Eggan K.</data>

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<data key="d4">SOX2 is an amplified lineage-survival oncogene in lung and esophageal squamous cell carcinomas.</data>

<data key="d5">Bass AJ, Watanabe H, Mermel CH, Yu S, Perner S, Verhaak RG, Kim SY, Wardwell L, Tamayo P, Gat-Viks I, Ramos AH, Woo MS, Weir BA, Getz G, Beroukhim R, O'Kelly M, Dutt A, Rozenblatt-Rosen O, Dziunycz P, Komisarof J, Chirieac LR, Lafargue CJ, Scheble V, Wilbertz T, Ma C, Rao S, Nakagawa H, Stairs DB, Lin L, Giordano TJ, Wagner P, Minna JD, Gazdar AF, Zhu CQ, Brose MS, Cecconello I, Ribeiro U, Marie SK, Dahl O, Shivdasani RA, Tsao MS, Rubin MA, Wong KK, Regev A, Hahn WC, Beer DG, Rustgi AK, Meyerson M.</data>

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<data key="d5">Heddleston JM, Li Z, McLendon RE, Hjelmeland AB, Rich JN.</data>

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<data key="d4">Genomic determination of the glucocorticoid response reveals unexpected mechanisms of gene regulation.</data>

<data key="d5">Reddy TE, Pauli F, Sprouse RO, Neff NF, Newberry KM, Garabedian MJ, Myers RM.</data>

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<data key="d5">Giorgetti A, Montserrat N, Aasen T, Gonzalez F, Rodríguez-Pizà I, Vassena R, Raya A, Boué S, Barrero MJ, Corbella BA, Torrabadella M, Veiga A, Izpisua Belmonte JC.</data>

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<data key="d5">Kim JB, Greber B, Araúzo-Bravo MJ, Meyer J, Park KI, Zaehres H, Schöler HR.</data>

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<data key="d5">Card DA, Hebbar PB, Li L, Trotter KW, Komatsu Y, Mishina Y, Archer TK.</data>

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<data key="d5">Kurimoto K, Yabuta Y, Ohinata Y, Shigeta M, Yamanaka K, Saitou M.</data>

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<data key="d5">Tam WL, Lim CY, Han J, Zhang J, Ang YS, Ng HH, Yang H, Lim B.</data>

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<data key="d5">Wong DJ, Liu H, Ridky TW, Cassarino D, Segal E, Chang HY.</data>

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<data key="d5">Lefebvre V, Dumitriu B, Penzo-Méndez A, Han Y, Pallavi B.</data>

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<data key="d5">Yao S, Sukonnik T, Kean T, Bharadwaj RR, Pasceri P, Ellis J.</data>

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<data key="d5">Yuan H, Corbi N, Basilico C, Dailey L.</data>

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<data key="d5">Zhang W, Geiman DE, Shields JM, Dang DT, Mahatan CS, Kaestner KH, Biggs JR, Kraft AS, Yang VW.</data>

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<data key="d4">Highly efficient Cas9-mediated transcriptional programming.</data>

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<data key="d4">Optimized sgRNA design to maximize activity and minimize off-target effects of CRISPR-Cas9.</data>

<data key="d5">Doench JG, Fusi N, Sullender M, Hegde M, Vaimberg EW, Donovan KF, Smith I, Tothova Z, Wilen C, Orchard R, Virgin HW, Listgarten J, Root DE.</data>

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<data key="d5">Thakore PI, D'Ippolito AM, Song L, Safi A, Shivakumar NK, Kabadi AM, Reddy TE, Crawford GE, Gersbach CA.</data>

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<data key="d4">Chemically modified guide RNAs enhance CRISPR-Cas genome editing in human primary cells.</data>

<data key="d5">Hendel A, Bak RO, Clark JT, Kennedy AB, Ryan DE, Roy S, Steinfeld I, Lunstad BD, Kaiser RJ, Wilkens AB, Bacchetta R, Tsalenko A, Dellinger D, Bruhn L, Porteus MH.</data>

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<data key="d4">Engineering complex synthetic transcriptional programs with CRISPR RNA scaffolds.</data>

<data key="d5">Zalatan JG, Lee ME, Almeida R, Gilbert LA, Whitehead EH, La Russa M, Tsai JC, Weissman JS, Dueber JE, Qi LS, Lim WA.</data>

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<data key="d4">Molecular Profiling Reveals Biologically Discrete Subsets and Pathways of Progression in Diffuse Glioma.</data>

<data key="d5">Ceccarelli M, Barthel FP, Malta TM, Sabedot TS, Salama SR, Murray BA, Morozova O, Newton Y, Radenbaugh A, Pagnotta SM, Anjum S, Wang J, Manyam G, Zoppoli P, Ling S, Rao AA, Grifford M, Cherniack AD, Zhang H, Poisson L, Carlotti CG, Tirapelli DP, Rao A, Mikkelsen T, Lau CC, Yung WK, Rabadan R, Huse J, Brat DJ, Lehman NL, Barnholtz-Sloan JS, Zheng S, Hess K, Rao G, Meyerson M, Beroukhim R, Cooper L, Akbani R, Wrensch M, Haussler D, Aldape KD, Laird PW, Gutmann DH, TCGA Research Network, Noushmehr H, Iavarone A, Verhaak RG.</data>

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<data key="d5">Lathia JD, Mack SC, Mulkearns-Hubert EE, Valentim CL, Rich JN.</data>

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<data key="d4">Single-cell RNA-seq highlights intratumoral heterogeneity in primary glioblastoma.</data>

<data key="d5">Patel AP, Tirosh I, Trombetta JJ, Shalek AK, Gillespie SM, Wakimoto H, Cahill DP, Nahed BV, Curry WT, Martuza RL, Louis DN, Rozenblatt-Rosen O, Suvà ML, Regev A, Bernstein BE.</data>

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<data key="d5">Feinberg AP, Koldobskiy MA, Göndör A.</data>

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<data key="d4">Absence of a simple code: how transcription factors read the genome.</data>

<data key="d5">Slattery M, Zhou T, Yang L, Dantas Machado AC, Gordân R, Rohs R.</data>

<data key="d6">Trends Biochem Sci</data>

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<data key="d4">Determination and inference of eukaryotic transcription factor sequence specificity.</data>

<data key="d5">Weirauch MT, Yang A, Albu M, Cote AG, Montenegro-Montero A, Drewe P, Najafabadi HS, Lambert SA, Mann I, Cook K, Zheng H, Goity A, van Bakel H, Lozano JC, Galli M, Lewsey MG, Huang E, Mukherjee T, Chen X, Reece-Hoyes JS, Govindarajan S, Shaulsky G, Walhout AJM, Bouget FY, Ratsch G, Larrondo LF, Ecker JR, Hughes TR.</data>

<data key="d6">Cell</data>

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<data key="d4">iRegulon: from a gene list to a gene regulatory network using large motif and track collections.</data>

<data key="d5">Janky R, Verfaillie A, Imrichová H, Van de Sande B, Standaert L, Christiaens V, Hulselmans G, Herten K, Naval Sanchez M, Potier D, Svetlichnyy D, Kalender Atak Z, Fiers M, Marine JC, Aerts S.</data>

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<data key="d5">Shi J, Vakoc CR.</data>

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<data key="d5">Parker SC, Stitzel ML, Taylor DL, Orozco JM, Erdos MR, Akiyama JA, van Bueren KL, Chines PS, Narisu N, NISC Comparative Sequencing Program, Black BL, Visel A, Pennacchio LA, Collins FS, National Institutes of Health Intramural Sequencing Center Comparative Sequencing Program Authors, NISC Comparative Sequencing Program Authors.</data>

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<data key="d5">Theunissen TW, Powell BE, Wang H, Mitalipova M, Faddah DA, Reddy J, Fan ZP, Maetzel D, Ganz K, Shi L, Lungjangwa T, Imsoonthornruksa S, Stelzer Y, Rangarajan S, D'Alessio A, Zhang J, Gao Q, Dawlaty MM, Young RA, Gray NS, Jaenisch R.</data>

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<data key="d5">Ito K, Suda T.</data>

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<data key="d5">Schirle NT, Sheu-Gruttadauria J, MacRae IJ.</data>

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<data key="d4">Ly-6Chigh monocytes depend on Nr4a1 to balance both inflammatory and reparative phases in the infarcted myocardium.</data>

<data key="d5">Hilgendorf I, Gerhardt LM, Tan TC, Winter C, Holderried TA, Chousterman BG, Iwamoto Y, Liao R, Zirlik A, Scherer-Crosbie M, Hedrick CC, Libby P, Nahrendorf M, Weissleder R, Swirski FK.</data>

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<data key="d4">Hippo pathway effector Yap promotes cardiac regeneration.</data>

<data key="d5">Xin M, Kim Y, Sutherland LB, Murakami M, Qi X, McAnally J, Porrello ER, Mahmoud AI, Tan W, Shelton JM, Richardson JA, Sadek HA, Bassel-Duby R, Olson EN.</data>

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<data key="d4">Autophagy maintains stemness by preventing senescence.</data>

<data key="d5">García-Prat L, Martínez-Vicente M, Perdiguero E, Ortet L, Rodríguez-Ubreva J, Rebollo E, Ruiz-Bonilla V, Gutarra S, Ballestar E, Serrano AL, Sandri M, Muñoz-Cánoves P.</data>

<data key="d6">Nature</data>

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<data key="d4">mTORC1 controls the adaptive transition of quiescent stem cells from G0 to G(Alert).</data>

<data key="d5">Rodgers JT, King KY, Brett JO, Cromie MJ, Charville GW, Maguire KK, Brunson C, Mastey N, Liu L, Tsai CR, Goodell MA, Rando TA.</data>

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<data key="d4">Epigenomic profiling of young and aged HSCs reveals concerted changes during aging that reinforce self-renewal.</data>

<data key="d5">Sun D, Luo M, Jeong M, Rodriguez B, Xia Z, Hannah R, Wang H, Le T, Faull KF, Chen R, Gu H, Bock C, Meissner A, Göttgens B, Darlington GJ, Li W, Goodell MA.</data>

<data key="d6">Cell Stem Cell</data>

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<data key="d4">Geriatric muscle stem cells switch reversible quiescence into senescence.</data>

<data key="d5">Sousa-Victor P, Gutarra S, García-Prat L, Rodriguez-Ubreva J, Ortet L, Ruiz-Bonilla V, Jardí M, Ballestar E, González S, Serrano AL, Perdiguero E, Muñoz-Cánoves P.</data>

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<data key="d4">Gene silencing triggers polycomb repressive complex 2 recruitment to CpG islands genome wide.</data>

<data key="d5">Riising EM, Comet I, Leblanc B, Wu X, Johansen JV, Helin K.</data>

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<data key="d4">Variant PRC1 complex-dependent H2A ubiquitylation drives PRC2 recruitment and polycomb domain formation.</data>

<data key="d5">Blackledge NP, Farcas AM, Kondo T, King HW, McGouran JF, Hanssen LL, Ito S, Cooper S, Kondo K, Koseki Y, Ishikura T, Long HK, Sheahan TW, Brockdorff N, Kessler BM, Koseki H, Klose RJ.</data>

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<data key="d4">Looping back to leap forward: transcription enters a new era.</data>

<data key="d5">Levine M, Cattoglio C, Tjian R.</data>

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<data key="d4">Tumor metastasis: moving new biological insights into the clinic.</data>

<data key="d5">Wan L, Pantel K, Kang Y.</data>

<data key="d6">Nat Med</data>

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<data key="d4">Modified mRNA directs the fate of heart progenitor cells and induces vascular regeneration after myocardial infarction.</data>

<data key="d5">Zangi L, Lui KO, von Gise A, Ma Q, Ebina W, Ptaszek LM, Später D, Xu H, Tabebordbar M, Gorbatov R, Sena B, Nahrendorf M, Briscoe DM, Li RA, Wagers AJ, Rossi DJ, Pu WT, Chien KR.</data>

<data key="d6">Nat Biotechnol</data>

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<data key="d4">Function and information content of DNA methylation.</data>

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<data key="d4">The ctenophore genome and the evolutionary origins of neural systems.</data>

<data key="d5">Moroz LL, Kocot KM, Citarella MR, Dosung S, Norekian TP, Povolotskaya IS, Grigorenko AP, Dailey C, Berezikov E, Buckley KM, Ptitsyn A, Reshetov D, Mukherjee K, Moroz TP, Bobkova Y, Yu F, Kapitonov VV, Jurka J, Bobkov YV, Swore JJ, Girardo DO, Fodor A, Gusev F, Sanford R, Bruders R, Kittler E, Mills CE, Rast JP, Derelle R, Solovyev VV, Kondrashov FA, Swalla BJ, Sweedler JV, Rogaev EI, Halanych KM, Kohn AB.</data>

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<data key="d4">ngs.plot: Quick mining and visualization of next-generation sequencing data by integrating genomic databases.</data>

<data key="d5">Shen L, Shao N, Liu X, Nestler E.</data>

<data key="d6">BMC Genomics</data>

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<data key="d4">Large conserved domains of low DNA methylation maintained by Dnmt3a.</data>

<data key="d5">Jeong M, Sun D, Luo M, Huang Y, Challen GA, Rodriguez B, Zhang X, Chavez L, Wang H, Hannah R, Kim SB, Yang L, Ko M, Chen R, Göttgens B, Lee JS, Gunaratne P, Godley LA, Darlington GJ, Rao A, Li W, Goodell MA.</data>

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<data key="d5">Rivera CM, Ren B.</data>

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<data key="d4">m(6)A RNA modification controls cell fate transition in mammalian embryonic stem cells.</data>

<data key="d5">Batista PJ, Molinie B, Wang J, Qu K, Zhang J, Li L, Bouley DM, Lujan E, Haddad B, Daneshvar K, Carter AC, Flynn RA, Zhou C, Lim KS, Dedon P, Wernig M, Mullen AC, Xing Y, Giallourakis CC, Chang HY.</data>

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<data key="d4">Induction of a human pluripotent state with distinct regulatory circuitry that resembles preimplantation epiblast.</data>

<data key="d5">Chan YS, Göke J, Ng JH, Lu X, Gonzales KA, Tan CP, Tng WQ, Hong ZZ, Lim YS, Ng HH.</data>

<data key="d6">Cell Stem Cell</data>

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<data key="d5">Ginhoux F, Guilliams M.</data>

<data key="d6">Immunity</data>

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<data key="d4">Monocytes and macrophages: developmental pathways and tissue homeostasis.</data>

<data key="d5">Ginhoux F, Jung S.</data>

<data key="d6">Nat Rev Immunol</data>

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<data key="d4">Identification of a unique TGF-β-dependent molecular and functional signature in microglia.</data>

<data key="d5">Butovsky O, Jedrychowski MP, Moore CS, Cialic R, Lanser AJ, Gabriely G, Koeglsperger T, Dake B, Wu PM, Doykan CE, Fanek Z, Liu L, Chen Z, Rothstein JD, Ransohoff RM, Gygi SP, Antel JP, Weiner HL.</data>

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<data key="d4">BCL11A enhancer dissection by Cas9-mediated in situ saturating mutagenesis.</data>

<data key="d5">Canver MC, Smith EC, Sher F, Pinello L, Sanjana NE, Shalem O, Chen DD, Schupp PG, Vinjamur DS, Garcia SP, Luc S, Kurita R, Nakamura Y, Fujiwara Y, Maeda T, Yuan GC, Zhang F, Orkin SH, Bauer DE.</data>

<data key="d6">Nature</data>

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<data key="d5">Gosselin D, Link VM, Romanoski CE, Fonseca GJ, Eichenfield DZ, Spann NJ, Stender JD, Chun HB, Garner H, Geissmann F, Glass CK.</data>

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<data key="d4">CDK7 inhibition suppresses super-enhancer-linked oncogenic transcription in MYCN-driven cancer.</data>

<data key="d5">Chipumuro E, Marco E, Christensen CL, Kwiatkowski N, Zhang T, Hatheway CM, Abraham BJ, Sharma B, Yeung C, Altabef A, Perez-Atayde A, Wong KK, Yuan GC, Gray NS, Young RA, George RE.</data>

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<data key="d5">Dowen JM, Fan ZP, Hnisz D, Ren G, Abraham BJ, Zhang LN, Weintraub AS, Schujiers J, Lee TI, Zhao K, Young RA.</data>

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<data key="d5">Brown JD, Lin CY, Duan Q, Griffin G, Federation A, Paranal RM, Bair S, Newton G, Lichtman A, Kung A, Yang T, Wang H, Luscinskas FW, Croce K, Bradner JE, Plutzky J.</data>

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<data key="d5">Trimarchi T, Bilal E, Ntziachristos P, Fabbri G, Dalla-Favera R, Tsirigos A, Aifantis I.</data>

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<data key="d4">H3K4me3 breadth is linked to cell identity and transcriptional consistency.</data>

<data key="d5">Benayoun BA, Pollina EA, Ucar D, Mahmoudi S, Karra K, Wong ED, Devarajan K, Daugherty AC, Kundaje AB, Mancini E, Hitz BC, Gupta R, Rando TA, Baker JC, Snyder MP, Cherry JM, Brunet A.</data>

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<data key="d5">Gröschel S, Sanders MA, Hoogenboezem R, de Wit E, Bouwman BAM, Erpelinck C, van der Velden VHJ, Havermans M, Avellino R, van Lom K, Rombouts EJ, van Duin M, Döhner K, Beverloo HB, Bradner JE, Döhner H, Löwenberg B, Valk PJM, Bindels EMJ, de Laat W, Delwel R.</data>

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<data key="d5">Xiang JF, Yin QF, Chen T, Zhang Y, Zhang XO, Wu Z, Zhang S, Wang HB, Ge J, Lu X, Yang L, Chen LL.</data>

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<data key="d5">Andersson R, Gebhard C, Miguel-Escalada I, Hoof I, Bornholdt J, Boyd M, Chen Y, Zhao X, Schmidl C, Suzuki T, Ntini E, Arner E, Valen E, Li K, Schwarzfischer L, Glatz D, Raithel J, Lilje B, Rapin N, Bagger FO, Jørgensen M, Andersen PR, Bertin N, Rackham O, Burroughs AM, Baillie JK, Ishizu Y, Shimizu Y, Furuhata E, Maeda S, Negishi Y, Mungall CJ, Meehan TF, Lassmann T, Itoh M, Kawaji H, Kondo N, Kawai J, Lennartsson A, Daub CO, Heutink P, Hume DA, Jensen TH, Suzuki H, Hayashizaki Y, Müller F, Forrest ARR, Carninci P, Rehli M, Sandelin A.</data>

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<data key="d5">Pasquali L, Gaulton KJ, Rodríguez-Seguí SA, Mularoni L, Miguel-Escalada I, Akerman İ, Tena JJ, Morán I, Gómez-Marín C, van de Bunt M, Ponsa-Cobas J, Castro N, Nammo T, Cebola I, García-Hurtado J, Maestro MA, Pattou F, Piemonti L, Berney T, Gloyn AL, Ravassard P, Skarmeta JLG, Müller F, McCarthy MI, Ferrer J.</data>

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<data key="d5">Kieffer-Kwon KR, Tang Z, Mathe E, Qian J, Sung MH, Li G, Resch W, Baek S, Pruett N, Grøntved L, Vian L, Nelson S, Zare H, Hakim O, Reyon D, Yamane A, Nakahashi H, Kovalchuk AL, Zou J, Joung JK, Sartorelli V, Wei CL, Ruan X, Hager GL, Ruan Y, Casellas R.</data>

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<data key="d5">Hnisz D, Abraham BJ, Lee TI, Lau A, Saint-André V, Sigova AA, Hoke HA, Young RA.</data>

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<data key="d5">Mousavi K, Zare H, Dell'orso S, Grontved L, Gutierrez-Cruz G, Derfoul A, Hager GL, Sartorelli V.</data>

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<data key="d5">Lovén J, Hoke HA, Lin CY, Lau A, Orlando DA, Vakoc CR, Bradner JE, Lee TI, Young RA.</data>

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<data key="d5">Paul F, Arkin Y, Giladi A, Jaitin DA, Kenigsberg E, Keren-Shaul H, Winter D, Lara-Astiaso D, Gury M, Weiner A, David E, Cohen N, Lauridsen FK, Haas S, Schlitzer A, Mildner A, Ginhoux F, Jung S, Trumpp A, Porse BT, Tanay A, Amit I.</data>

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<data key="d5">Huch M, Gehart H, van Boxtel R, Hamer K, Blokzijl F, Verstegen MM, Ellis E, van Wenum M, Fuchs SA, de Ligt J, van de Wetering M, Sasaki N, Boers SJ, Kemperman H, de Jonge J, Ijzermans JN, Nieuwenhuis EE, Hoekstra R, Strom S, Vries RR, van der Laan LJ, Cuppen E, Clevers H.</data>

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<data key="d4">Bipotential adult liver progenitors are derived from chronically injured mature hepatocytes.</data>

<data key="d5">Tarlow BD, Pelz C, Naugler WE, Wakefield L, Wilson EM, Finegold MJ, Grompe M.</data>

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<data key="d4">Adult hepatocytes are generated by self-duplication rather than stem cell differentiation.</data>

<data key="d5">Yanger K, Knigin D, Zong Y, Maggs L, Gu G, Akiyama H, Pikarsky E, Stanger BZ.</data>

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<data key="d5">Yimlamai D, Christodoulou C, Galli GG, Yanger K, Pepe-Mooney B, Gurung B, Shrestha K, Cahan P, Stanger BZ, Camargo FD.</data>

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<data key="d4">Therapeutic modulation of Notch signalling--are we there yet?</data>

<data key="d5">Andersson ER, Lendahl U.</data>

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<data key="d5">Blaschke K, Ebata KT, Karimi MM, Zepeda-Martínez JA, Goyal P, Mahapatra S, Tam A, Laird DJ, Hirst M, Rao A, Lorincz MC, Ramalho-Santos M.</data>

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<data key="d5">Chapuy B, McKeown MR, Lin CY, Monti S, Roemer MG, Qi J, Rahl PB, Sun HH, Yeda KT, Doench JG, Reichert E, Kung AL, Rodig SJ, Young RA, Shipp MA, Bradner JE.</data>

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<data key="d5">Anand P, Brown JD, Lin CY, Qi J, Zhang R, Artero PC, Alaiti MA, Bullard J, Alazem K, Margulies KB, Cappola TP, Lemieux M, Plutzky J, Bradner JE, Haldar SM.</data>

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<data key="d5">Knowles MA, Hurst CD.</data>

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<data key="d4">Metastasis is regulated via microRNA-200/ZEB1 axis control of tumour cell PD-L1 expression and intratumoral immunosuppression.</data>

<data key="d5">Chen L, Gibbons DL, Goswami S, Cortez MA, Ahn YH, Byers LA, Zhang X, Yi X, Dwyer D, Lin W, Diao L, Wang J, Roybal J, Patel M, Ungewiss C, Peng D, Antonia S, Mediavilla-Varela M, Robertson G, Suraokar M, Welsh JW, Erez B, Wistuba II, Chen L, Peng D, Wang S, Ullrich SE, Heymach JV, Kurie JM, Qin FX.</data>

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<data key="d5">Takasato M, Er PX, Chiu HS, Maier B, Baillie GJ, Ferguson C, Parton RG, Wolvetang EJ, Roost MS, Chuva de Sousa Lopes SM, Little MH.</data>

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<data key="d5">Taguchi A, Kaku Y, Ohmori T, Sharmin S, Ogawa M, Sasaki H, Nishinakamura R.</data>

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<data key="d5">Muñoz-Cánoves P, Scheele C, Pedersen BK, Serrano AL.</data>

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<data key="d5">Ritchie MD, Holzinger ER, Li R, Pendergrass SA, Kim D.</data>

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<data key="d4">Accurate proteome-wide label-free quantification by delayed normalization and maximal peptide ratio extraction, termed MaxLFQ.</data>

<data key="d5">Cox J, Hein MY, Luber CA, Paron I, Nagaraj N, Mann M.</data>

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<data key="d5">Hon GC, Rajagopal N, Shen Y, McCleary DF, Yue F, Dang MD, Ren B.</data>

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<data key="d4">The RNA-binding protein repertoire of embryonic stem cells.</data>

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<data key="d4">Effect of natural genetic variation on enhancer selection and function.</data>

<data key="d5">Heinz S, Romanoski CE, Benner C, Allison KA, Kaikkonen MU, Orozco LD, Glass CK.</data>

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<data key="d5">Phillips-Cremins JE, Sauria ME, Sanyal A, Gerasimova TI, Lajoie BR, Bell JS, Ong CT, Hookway TA, Guo C, Sun Y, Bland MJ, Wagstaff W, Dalton S, McDevitt TC, Sen R, Dekker J, Taylor J, Corces VG.</data>

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<data key="d4">The sox family of transcription factors: versatile regulators of stem and progenitor cell fate.</data>

<data key="d5">Sarkar A, Hochedlinger K.</data>

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<data key="d5">Bond MR, Hanover JA.</data>

<data key="d6">J Cell Biol</data>

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<data key="d5">Ali K, Soond DR, Pineiro R, Hagemann T, Pearce W, Lim EL, Bouabe H, Scudamore CL, Hancox T, Maecker H, Friedman L, Turner M, Okkenhaug K, Vanhaesebroeck B.</data>

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<data key="d5">Pickup MW, Mouw JK, Weaver VM.</data>

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<data key="d5">Kumar MS, Armenteros-Monterroso E, East P, Chakravorty P, Matthews N, Winslow MM, Downward J.</data>

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<data key="d5">Alexander SP, Benson HE, Faccenda E, Pawson AJ, Sharman JL, Spedding M, Peters JA, Harmar AJ, CGTP Collaborators.</data>

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<data key="d5">Rosell R, Bivona TG, Karachaliou N.</data>

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<data key="d5">Wakefield LM, Hill CS.</data>

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<data key="d5">Macaulay IC, Haerty W, Kumar P, Li YI, Hu TX, Teng MJ, Goolam M, Saurat N, Coupland P, Shirley LM, Smith M, Van der Aa N, Banerjee R, Ellis PD, Quail MA, Swerdlow HP, Zernicka-Goetz M, Livesey FJ, Ponting CP, Voet T.</data>

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<data key="d4">Identification and rescue of α-synuclein toxicity in Parkinson patient-derived neurons.</data>

<data key="d5">Chung CY, Khurana V, Auluck PK, Tardiff DF, Mazzulli JR, Soldner F, Baru V, Lou Y, Freyzon Y, Cho S, Mungenast AE, Muffat J, Mitalipova M, Pluth MD, Jui NT, Schüle B, Lippard SJ, Tsai LH, Krainc D, Buchwald SL, Jaenisch R, Lindquist S.</data>

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<data key="d4">A survey of best practices for RNA-seq data analysis.</data>

<data key="d5">Conesa A, Madrigal P, Tarazona S, Gomez-Cabrero D, Cervera A, McPherson A, Szcześniak MW, Gaffney DJ, Elo LL, Zhang X, Mortazavi A.</data>

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<data key="d5">Civelek M, Lusis AJ.</data>

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<data key="d5">Zhang Y, Wong CH, Birnbaum RY, Li G, Favaro R, Ngan CY, Lim J, Tai E, Poh HM, Wong E, Mulawadi FH, Sung WK, Nicolis S, Ahituv N, Ruan Y, Wei CL.</data>

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<data key="d4">Modification of enhancer chromatin: what, how, and why?</data>

<data key="d5">Calo E, Wysocka J.</data>

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<data key="d5">Zeisberg M, Kalluri R.</data>

<data key="d6">Am J Physiol Cell Physiol</data>

<data key="d7">2013</data>

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<data key="d5">George J, Lim JS, Jang SJ, Cun Y, Ozretić L, Kong G, Leenders F, Lu X, Fernández-Cuesta L, Bosco G, Müller C, Dahmen I, Jahchan NS, Park KS, Yang D, Karnezis AN, Vaka D, Torres A, Wang MS, Korbel JO, Menon R, Chun SM, Kim D, Wilkerson M, Hayes N, Engelmann D, Pützer B, Bos M, Michels S, Vlasic I, Seidel D, Pinther B, Schaub P, Becker C, Altmüller J, Yokota J, Kohno T, Iwakawa R, Tsuta K, Noguchi M, Muley T, Hoffmann H, Schnabel PA, Petersen I, Chen Y, Soltermann A, Tischler V, Choi CM, Kim YH, Massion PP, Zou Y, Jovanovic D, Kontic M, Wright GM, Russell PA, Solomon B, Koch I, Lindner M, Muscarella LA, la Torre A, Field JK, Jakopovic M, Knezevic J, Castaños-Vélez E, Roz L, Pastorino U, Brustugun OT, Lund-Iversen M, Thunnissen E, Köhler J, Schuler M, Botling J, Sandelin M, Sanchez-Cespedes M, Salvesen HB, Achter V, Lang U, Bogus M, Schneider PM, Zander T, Ansén S, Hallek M, Wolf J, Vingron M, Yatabe Y, Travis WD, Nürnberg P, Reinhardt C, Perner S, Heukamp L, Büttner R, Haas SA, Brambilla E, Peifer M, Sage J, Thomas RK.</data>

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<data key="d5">Konze KD, Ma A, Li F, Barsyte-Lovejoy D, Parton T, Macnevin CJ, Liu F, Gao C, Huang XP, Kuznetsova E, Rougie M, Jiang A, Pattenden SG, Norris JL, James LI, Roth BL, Brown PJ, Frye SV, Arrowsmith CH, Hahn KM, Wang GG, Vedadi M, Jin J.</data>

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<data key="d5">Bier A, Giladi N, Kronfeld N, Lee HK, Cazacu S, Finniss S, Xiang C, Poisson L, deCarvalho AC, Slavin S, Jacoby E, Yalon M, Toren A, Mikkelsen T, Brodie C.</data>

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<data key="d4">A restricted cell population propagates glioblastoma growth after chemotherapy.</data>

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<data key="d4">mTOR complex 2 controls glycolytic metabolism in glioblastoma through FoxO acetylation and upregulation of c-Myc.</data>

<data key="d5">Masui K, Tanaka K, Akhavan D, Babic I, Gini B, Matsutani T, Iwanami A, Liu F, Villa GR, Gu Y, Campos C, Zhu S, Yang H, Yong WH, Cloughesy TF, Mellinghoff IK, Cavenee WK, Shaw RJ, Mischel PS.</data>

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<data key="d4">Inhibition of BET bromodomain targets genetically diverse glioblastoma.</data>

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<data key="d5">Qing G, Li B, Vu A, Skuli N, Walton ZE, Liu X, Mayes PA, Wise DR, Thompson CB, Maris JM, Hogarty MD, Simon MC.</data>

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<data key="d5">Bartunek J, Behfar A, Dolatabadi D, Vanderheyden M, Ostojic M, Dens J, El Nakadi B, Banovic M, Beleslin B, Vrolix M, Legrand V, Vrints C, Vanoverschelde JL, Crespo-Diaz R, Homsy C, Tendera M, Waldman S, Wijns W, Terzic A.</data>

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<data key="d5">Kenzelmann Broz D, Spano Mello S, Bieging KT, Jiang D, Dusek RL, Brady CA, Sidow A, Attardi LD.</data>

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<data key="d5">Lawson DA, Bhakta NR, Kessenbrock K, Prummel KD, Yu Y, Takai K, Zhou A, Eyob H, Balakrishnan S, Wang CY, Yaswen P, Goga A, Werb Z.</data>

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<data key="d4">Distinct EMT programs control normal mammary stem cells and tumour-initiating cells.</data>

<data key="d5">Ye X, Tam WL, Shibue T, Kaygusuz Y, Reinhardt F, Ng Eaton E, Weinberg RA.</data>

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<data key="d5">Chaffer CL, Marjanovic ND, Lee T, Bell G, Kleer CG, Reinhardt F, D'Alessio AC, Young RA, Weinberg RA.</data>

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<data key="d5">Kang Y, Pantel K.</data>

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<data key="d5">Schwitalla S, Fingerle AA, Cammareri P, Nebelsiek T, Göktuna SI, Ziegler PK, Canli O, Heijmans J, Huels DJ, Moreaux G, Rupec RA, Gerhard M, Schmid R, Barker N, Clevers H, Lang R, Neumann J, Kirchner T, Taketo MM, van den Brink GR, Sansom OJ, Arkan MC, Greten FR.</data>

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<data key="d5">Ocaña OH, Córcoles R, Fabra A, Moreno-Bueno G, Acloque H, Vega S, Barrallo-Gimeno A, Cano A, Nieto MA.</data>

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<data key="d4">Notch signaling is activated in human hepatocellular carcinoma and induces tumor formation in mice.</data>

<data key="d5">Villanueva A, Alsinet C, Yanger K, Hoshida Y, Zong Y, Toffanin S, Rodriguez-Carunchio L, Solé M, Thung S, Stanger BZ, Llovet JM.</data>

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<data key="d5">Li HJ, Reinhardt F, Herschman HR, Weinberg RA.</data>

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<data key="d5">Wu G, Diaz AK, Paugh BS, Rankin SL, Ju B, Li Y, Zhu X, Qu C, Chen X, Zhang J, Easton J, Edmonson M, Ma X, Lu C, Nagahawatte P, Hedlund E, Rusch M, Pounds S, Lin T, Onar-Thomas A, Huether R, Kriwacki R, Parker M, Gupta P, Becksfort J, Wei L, Mulder HL, Boggs K, Vadodaria B, Yergeau D, Russell JC, Ochoa K, Fulton RS, Fulton LL, Jones C, Boop FA, Broniscer A, Wetmore C, Gajjar A, Ding L, Mardis ER, Wilson RK, Taylor MR, Downing JR, Ellison DW, Zhang J, Baker SJ.</data>

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<data key="d4">Neuroblastoma and MYCN.</data>

<data key="d5">Huang M, Weiss WA.</data>

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<data key="d4">Medulloblastomics: the end of the beginning.</data>

<data key="d5">Northcott PA, Jones DT, Kool M, Robinson GW, Gilbertson RJ, Cho YJ, Pomeroy SL, Korshunov A, Lichter P, Taylor MD, Pfister SM.</data>

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<data key="d4">ER stress-mediated autophagy promotes Myc-dependent transformation and tumor growth.</data>

<data key="d5">Hart LS, Cunningham JT, Datta T, Dey S, Tameire F, Lehman SL, Qiu B, Zhang H, Cerniglia G, Bi M, Li Y, Gao Y, Liu H, Li C, Maity A, Thomas-Tikhonenko A, Perl AE, Koong A, Fuchs SY, Diehl JA, Mills IG, Ruggero D, Koumenis C.</data>

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<data key="d5">Robinson G, Parker M, Kranenburg TA, Lu C, Chen X, Ding L, Phoenix TN, Hedlund E, Wei L, Zhu X, Chalhoub N, Baker SJ, Huether R, Kriwacki R, Curley N, Thiruvenkatam R, Wang J, Wu G, Rusch M, Hong X, Becksfort J, Gupta P, Ma J, Easton J, Vadodaria B, Onar-Thomas A, Lin T, Li S, Pounds S, Paugh S, Zhao D, Kawauchi D, Roussel MF, Finkelstein D, Ellison DW, Lau CC, Bouffet E, Hassall T, Gururangan S, Cohn R, Fulton RS, Fulton LL, Dooling DJ, Ochoa K, Gajjar A, Mardis ER, Wilson RK, Downing JR, Zhang J, Gilbertson RJ.</data>

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<data key="d5">Northcott PA, Korshunov A, Pfister SM, Taylor MD.</data>

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<data key="d5">Easwaran H, Tsai HC, Baylin SB.</data>

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<data key="d5">Holdt LM, Hoffmann S, Sass K, Langenberger D, Scholz M, Krohn K, Finstermeier K, Stahringer A, Wilfert W, Beutner F, Gielen S, Schuler G, Gäbel G, Bergert H, Bechmann I, Stadler PF, Thiery J, Teupser D.</data>

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<data key="d5">Najm FJ, Lager AM, Zaremba A, Wyatt K, Caprariello AV, Factor DC, Karl RT, Maeda T, Miller RH, Tesar PJ.</data>

<data key="d6">Nat Biotechnol</data>

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<data key="d5">Takebe N, Miele L, Harris PJ, Jeong W, Bando H, Kahn M, Yang SX, Ivy SP.</data>

<data key="d6">Nat Rev Clin Oncol</data>

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<data key="d5">Plaks V, Kong N, Werb Z.</data>

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<data key="d5">Kreso A, Dick JE.</data>

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<data key="d5">He G, Dhar D, Nakagawa H, Font-Burgada J, Ogata H, Jiang Y, Shalapour S, Seki E, Yost SE, Jepsen K, Frazer KA, Harismendy O, Hatziapostolou M, Iliopoulos D, Suetsugu A, Hoffman RM, Tateishi R, Koike K, Karin M.</data>

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<data key="d4">A 3D bioprinting system to produce human-scale tissue constructs with structural integrity.</data>

<data key="d5">Kang HW, Lee SJ, Ko IK, Kengla C, Yoo JJ, Atala A.</data>

<data key="d6">Nat Biotechnol</data>

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<data key="d4">An overview of poly(lactic-co-glycolic) acid (PLGA)-based biomaterials for bone tissue engineering.</data>

<data key="d5">Gentile P, Chiono V, Carmagnola I, Hatton PV.</data>

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<data key="d5">Flach J, Bakker ST, Mohrin M, Conroy PC, Pietras EM, Reynaud D, Alvarez S, Diolaiti ME, Ugarte F, Forsberg EC, Le Beau MM, Stohr BA, Méndez J, Morrison CG, Passegué E.</data>

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<data key="d5">Weidner CI, Lin Q, Koch CM, Eisele L, Beier F, Ziegler P, Bauerschlag DO, Jöckel KH, Erbel R, Mühleisen TW, Zenke M, Brümmendorf TH, Wagner W.</data>

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<data key="d4">Targeting long non-coding RNAs in cancers: progress and prospects.</data>

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<data key="d5">López-Otín C, Blasco MA, Partridge L, Serrano M, Kroemer G.</data>

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<data key="d5">Geiger H, de Haan G, Florian MC.</data>

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<data key="d4">NF-κB inhibition delays DNA damage-induced senescence and aging in mice.</data>

<data key="d5">Tilstra JS, Robinson AR, Wang J, Gregg SQ, Clauson CL, Reay DP, Nasto LA, St Croix CM, Usas A, Vo N, Huard J, Clemens PR, Stolz DB, Guttridge DC, Watkins SC, Garinis GA, Wang Y, Niedernhofer LJ, Robbins PD.</data>

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<data key="d4">Cdc42 activity regulates hematopoietic stem cell aging and rejuvenation.</data>

<data key="d5">Florian MC, Dörr K, Niebel A, Daria D, Schrezenmeier H, Rojewski M, Filippi MD, Hasenberg A, Gunzer M, Scharffetter-Kochanek K, Zheng Y, Geiger H.</data>

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<data key="d4">Chemically defined generation of human cardiomyocytes.</data>

<data key="d5">Burridge PW, Matsa E, Shukla P, Lin ZC, Churko JM, Ebert AD, Lan F, Diecke S, Huber B, Mordwinkin NM, Plews JR, Abilez OJ, Cui B, Gold JD, Wu JC.</data>

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<data key="d4">Screening drug-induced arrhythmia [corrected] using human induced pluripotent stem cell-derived cardiomyocytes and low-impedance microelectrode arrays.</data>

<data key="d5">Navarrete EG, Liang P, Lan F, Sanchez-Freire V, Simmons C, Gong T, Sharma A, Burridge PW, Patlolla B, Lee AS, Wu H, Beygui RE, Wu SM, Robbins RC, Bers DM, Wu JC.</data>

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<data key="d4">Braveheart, a long noncoding RNA required for cardiovascular lineage commitment.</data>

<data key="d5">Klattenhoff CA, Scheuermann JC, Surface LE, Bradley RK, Fields PA, Steinhauser ML, Ding H, Butty VL, Torrey L, Haas S, Abo R, Tabebordbar M, Lee RT, Burge CB, Boyer LA.</data>

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<data key="d4">Abnormal calcium handling properties underlie familial hypertrophic cardiomyopathy pathology in patient-specific induced pluripotent stem cells.</data>

<data key="d5">Lan F, Lee AS, Liang P, Sanchez-Freire V, Nguyen PK, Wang L, Han L, Yen M, Wang Y, Sun N, Abilez OJ, Hu S, Ebert AD, Navarrete EG, Simmons CS, Wheeler M, Pruitt B, Lewis R, Yamaguchi Y, Ashley EA, Bers DM, Robbins RC, Longaker MT, Wu JC.</data>

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<data key="d4">Distinct metabolic flow enables large-scale purification of mouse and human pluripotent stem cell-derived cardiomyocytes.</data>

<data key="d5">Tohyama S, Hattori F, Sano M, Hishiki T, Nagahata Y, Matsuura T, Hashimoto H, Suzuki T, Yamashita H, Satoh Y, Egashira T, Seki T, Muraoka N, Yamakawa H, Ohgino Y, Tanaka T, Yoichi M, Yuasa S, Murata M, Suematsu M, Fukuda K.</data>

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<data key="d4">A Landscape of Pharmacogenomic Interactions in Cancer.</data>

<data key="d5">Iorio F, Knijnenburg TA, Vis DJ, Bignell GR, Menden MP, Schubert M, Aben N, Gonçalves E, Barthorpe S, Lightfoot H, Cokelaer T, Greninger P, van Dyk E, Chang H, de Silva H, Heyn H, Deng X, Egan RK, Liu Q, Mironenko T, Mitropoulos X, Richardson L, Wang J, Zhang T, Moran S, Sayols S, Soleimani M, Tamborero D, Lopez-Bigas N, Ross-Macdonald P, Esteller M, Gray NS, Haber DA, Stratton MR, Benes CH, Wessels LFA, Saez-Rodriguez J, McDermott U, Garnett MJ.</data>

<data key="d6">Cell</data>

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<data key="d5">van de Wetering M, Francies HE, Francis JM, Bounova G, Iorio F, Pronk A, van Houdt W, van Gorp J, Taylor-Weiner A, Kester L, McLaren-Douglas A, Blokker J, Jaksani S, Bartfeld S, Volckman R, van Sluis P, Li VS, Seepo S, Sekhar Pedamallu C, Cibulskis K, Carter SL, McKenna A, Lawrence MS, Lichtenstein L, Stewart C, Koster J, Versteeg R, van Oudenaarden A, Saez-Rodriguez J, Vries RG, Getz G, Wessels L, Stratton MR, McDermott U, Meyerson M, Garnett MJ, Clevers H.</data>

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<data key="d4">Heterogeneity Underlies the Emergence of EGFRT790 Wild-Type Clones Following Treatment of T790M-Positive Cancers with a Third-Generation EGFR Inhibitor.</data>

<data key="d5">Piotrowska Z, Niederst MJ, Karlovich CA, Wakelee HA, Neal JW, Mino-Kenudson M, Fulton L, Hata AN, Lockerman EL, Kalsy A, Digumarthy S, Muzikansky A, Raponi M, Garcia AR, Mulvey HE, Parks MK, DiCecca RH, Dias-Santagata D, Iafrate AJ, Shaw AT, Allen AR, Engelman JA, Sequist LV.</data>

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<data key="d5">Gao D, Vela I, Sboner A, Iaquinta PJ, Karthaus WR, Gopalan A, Dowling C, Wanjala JN, Undvall EA, Arora VK, Wongvipat J, Kossai M, Ramazanoglu S, Barboza LP, Di W, Cao Z, Zhang QF, Sirota I, Ran L, MacDonald TY, Beltran H, Mosquera JM, Touijer KA, Scardino PT, Laudone VP, Curtis KR, Rathkopf DE, Morris MJ, Danila DC, Slovin SF, Solomon SB, Eastham JA, Chi P, Carver B, Rubin MA, Scher HI, Clevers H, Sawyers CL, Chen Y.</data>

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<data key="d6">Proc Natl Acad Sci U S A</data>

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<data key="d5">Malhotra D, Sebat J.</data>

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<data key="d5">Zhang J, Nuebel E, Daley GQ, Koehler CM, Teitell MA.</data>

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<data key="d5">Wamstad JA, Alexander JM, Truty RM, Shrikumar A, Li F, Eilertson KE, Ding H, Wylie JN, Pico AR, Capra JA, Erwin G, Kattman SJ, Keller GM, Srivastava D, Levine SS, Pollard KS, Holloway AK, Boyer LA, Bruneau BG.</data>

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<data key="d5">Jin F, Li Y, Dixon JR, Selvaraj S, Ye Z, Lee AY, Yen CA, Schmitt AD, Espinoza CA, Ren B.</data>

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<data key="d5">Sigova AA, Mullen AC, Molinie B, Gupta S, Orlando DA, Guenther MG, Almada AE, Lin C, Sharp PA, Giallourakis CC, Young RA.</data>

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<data key="d5">Doering TA, Crawford A, Angelosanto JM, Paley MA, Ziegler CG, Wherry EJ.</data>

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<data key="d5">Stange DE, Koo BK, Huch M, Sibbel G, Basak O, Lyubimova A, Kujala P, Bartfeld S, Koster J, Geahlen JH, Peters PJ, van Es JH, van de Wetering M, Mills JC, Clevers H.</data>

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<data key="d4">A localized Wnt signal orients asymmetric stem cell division in vitro.</data>

<data key="d5">Habib SJ, Chen BC, Tsai FC, Anastassiadis K, Meyer T, Betzig E, Nusse R.</data>

<data key="d6">Science</data>

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<data key="d4">Notch inhibition induces cochlear hair cell regeneration and recovery of hearing after acoustic trauma.</data>

<data key="d5">Mizutari K, Fujioka M, Hosoya M, Bramhall N, Okano HJ, Okano H, Edge AS.</data>

<data key="d6">Neuron</data>

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<data key="d5">Wernstedt Asterholm I, Tao C, Morley TS, Wang QA, Delgado-Lopez F, Wang ZV, Scherer PE.</data>

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<data key="d5">Spite M, Clària J, Serhan CN.</data>

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<data key="d5">Tchkonia T, Thomou T, Zhu Y, Karagiannides I, Pothoulakis C, Jensen MD, Kirkland JL.</data>

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<data key="d4">PTEN loss in the Myf5 lineage redistributes body fat and reveals subsets of white adipocytes that arise from Myf5 precursors.</data>

<data key="d5">Sanchez-Gurmaches J, Sanchez-Gurmaches J, Hung CM, Sparks CA, Tang Y, Li H, Guertin DA.</data>

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<data key="d5">Liu K, Czaja MJ.</data>

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<data key="d4">Recent advances in bone tissue engineering scaffolds.</data>

<data key="d5">Bose S, Roy M, Bandyopadhyay A.</data>

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<data key="d5">Hovestadt V, Jones DT, Picelli S, Wang W, Kool M, Northcott PA, Sultan M, Stachurski K, Ryzhova M, Warnatz HJ, Ralser M, Brun S, Bunt J, Jäger N, Kleinheinz K, Erkek S, Weber UD, Bartholomae CC, von Kalle C, Lawerenz C, Eils J, Koster J, Versteeg R, Milde T, Witt O, Schmidt S, Wolf S, Pietsch T, Rutkowski S, Scheurlen W, Taylor MD, Brors B, Felsberg J, Reifenberger G, Borkhardt A, Lehrach H, Wechsler-Reya RJ, Eils R, Yaspo ML, Landgraf P, Korshunov A, Zapatka M, Radlwimmer B, Pfister SM, Lichter P.</data>

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<data key="d4">GC skew at the 5' and 3' ends of human genes links R-loop formation to epigenetic regulation and transcription termination.</data>

<data key="d5">Ginno PA, Lim YW, Lott PL, Korf I, Chédin F.</data>

<data key="d6">Genome Res</data>

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<data key="d5">Gutierrez-Arcelus M, Lappalainen T, Montgomery SB, Buil A, Ongen H, Yurovsky A, Bryois J, Giger T, Romano L, Planchon A, Falconnet E, Bielser D, Gagnebin M, Padioleau I, Borel C, Letourneau A, Makrythanasis P, Guipponi M, Gehrig C, Antonarakis SE, Dermitzakis ET.</data>

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<data key="d4">BSmooth: from whole genome bisulfite sequencing reads to differentially methylated regions.</data>

<data key="d5">Hansen KD, Langmead B, Irizarry RA.</data>

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<data key="d4">DNA methylation dynamics during in vivo differentiation of blood and skin stem cells.</data>

<data key="d5">Bock C, Beerman I, Lien WH, Smith ZD, Gu H, Boyle P, Gnirke A, Fuchs E, Rossi DJ, Meissner A.</data>

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<data key="d4">Identification of regulatory networks in HSCs and their immediate progeny via integrated proteome, transcriptome, and DNA methylome analysis.</data>

<data key="d5">Cabezas-Wallscheid N, Klimmeck D, Hansson J, Lipka DB, Reyes A, Wang Q, Weichenhan D, Lier A, von Paleske L, Renders S, Wünsche P, Zeisberger P, Brocks D, Gu L, Herrmann C, Haas S, Essers MAG, Brors B, Eils R, Huber W, Milsom MD, Plass C, Krijgsveld J, Trumpp A.</data>

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<data key="d5">Liu S, Liu Y, Yang X, Tong C, Edwards D, Parkin IA, Zhao M, Ma J, Yu J, Huang S, Wang X, Wang J, Lu K, Fang Z, Bancroft I, Yang TJ, Hu Q, Wang X, Yue Z, Li H, Yang L, Wu J, Zhou Q, Wang W, King GJ, Pires JC, Lu C, Wu Z, Sampath P, Wang Z, Guo H, Pan S, Yang L, Min J, Zhang D, Jin D, Li W, Belcram H, Tu J, Guan M, Qi C, Du D, Li J, Jiang L, Batley J, Sharpe AG, Park BS, Ruperao P, Cheng F, Waminal NE, Huang Y, Dong C, Wang L, Li J, Hu Z, Zhuang M, Huang Y, Huang J, Shi J, Mei D, Liu J, Lee TH, Wang J, Jin H, Li Z, Li X, Zhang J, Xiao L, Zhou Y, Liu Z, Liu X, Qin R, Tang X, Liu W, Wang Y, Zhang Y, Lee J, Kim HH, Denoeud F, Xu X, Liang X, Hua W, Wang X, Wang J, Chalhoub B, Paterson AH.</data>

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<data key="d5">Han H, Irimia M, Ross PJ, Sung HK, Alipanahi B, David L, Golipour A, Gabut M, Michael IP, Nachman EN, Wang E, Trcka D, Thompson T, O'Hanlon D, Slobodeniuc V, Barbosa-Morais NL, Burge CB, Moffat J, Frey BJ, Nagy A, Ellis J, Wrana JL, Blencowe BJ.</data>

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<data key="d4">Alternative splicing: a pivotal step between eukaryotic transcription and translation.</data>

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<data key="d6">Nat Rev Mol Cell Biol</data>

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<data key="d5">Buljan M, Chalancon G, Eustermann S, Wagner GP, Fuxreiter M, Bateman A, Babu MM.</data>

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<data key="d5">Nikkhah M, Edalat F, Manoucheri S, Khademhosseini A, Khademhosseini A.</data>

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<data key="d4">The landscape of somatic mutations in epigenetic regulators across 1,000 paediatric cancer genomes.</data>

<data key="d5">Huether R, Dong L, Chen X, Wu G, Parker M, Wei L, Ma J, Edmonson MN, Hedlund EK, Rusch MC, Shurtleff SA, Mulder HL, Boggs K, Vadordaria B, Cheng J, Yergeau D, Song G, Becksfort J, Lemmon G, Weber C, Cai Z, Dang J, Walsh M, Gedman AL, Faber Z, Easton J, Gruber T, Kriwacki RW, Partridge JF, Ding L, Wilson RK, Mardis ER, Mullighan CG, Gilbertson RJ, Baker SJ, Zambetti G, Ellison DW, Zhang J, Downing JR.</data>

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<data key="d4">Phosphorylation of EZH2 activates STAT3 signaling via STAT3 methylation and promotes tumorigenicity of glioblastoma stem-like cells.</data>

<data key="d5">Kim E, Kim M, Woo DH, Shin Y, Shin J, Chang N, Oh YT, Kim H, Rheey J, Nakano I, Lee C, Joo KM, Rich JN, Nam DH, Lee J.</data>

<data key="d6">Cancer Cell</data>

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<data key="d4">The C9orf72 repeat expansion disrupts nucleocytoplasmic transport.</data>

<data key="d5">Zhang K, Donnelly CJ, Haeusler AR, Grima JC, Machamer JB, Steinwald P, Daley EL, Miller SJ, Cunningham KM, Vidensky S, Gupta S, Thomas MA, Hong I, Chiu SL, Huganir RL, Ostrow LW, Matunis MJ, Wang J, Sattler R, Lloyd TE, Rothstein JD.</data>

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<data key="d4">Antisense proline-arginine RAN dipeptides linked to C9ORF72-ALS/FTD form toxic nuclear aggregates that initiate in vitro and in vivo neuronal death.</data>

<data key="d5">Wen X, Tan W, Westergard T, Krishnamurthy K, Markandaiah SS, Shi Y, Lin S, Shneider NA, Monaghan J, Pandey UB, Pasinelli P, Ichida JK, Trotti D.</data>

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<data key="d4">A small molecule screen in stem-cell-derived motor neurons identifies a kinase inhibitor as a candidate therapeutic for ALS.</data>

<data key="d5">Yang YM, Gupta SK, Kim KJ, Powers BE, Cerqueira A, Wainger BJ, Ngo HD, Rosowski KA, Schein PA, Ackeifi CA, Arvanites AC, Davidow LS, Woolf CJ, Rubin LL.</data>

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<data key="d4">Direct lineage conversion of terminally differentiated hepatocytes to functional neurons.</data>

<data key="d5">Marro S, Pang ZP, Yang N, Tsai MC, Qu K, Chang HY, Südhof TC, Wernig M.</data>

<data key="d6">Cell Stem Cell</data>

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<data key="d5">Goedert M, Spillantini MG, Del Tredici K, Braak H.</data>

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<data key="d5">Imaizumi Y, Okada Y, Akamatsu W, Koike M, Kuzumaki N, Hayakawa H, Nihira T, Kobayashi T, Ohyama M, Sato S, Takanashi M, Funayama M, Hirayama A, Soga T, Hishiki T, Suematsu M, Yagi T, Ito D, Kosakai A, Hayashi K, Shouji M, Nakanishi A, Suzuki N, Mizuno Y, Mizushima N, Amagai M, Uchiyama Y, Mochizuki H, Hattori N, Okano H.</data>

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<data key="d4">MicroRNAome genome: a treasure for cancer diagnosis and therapy.</data>

<data key="d5">Berindan-Neagoe I, Monroig Pdel C, Pasculli B, Calin GA.</data>

<data key="d6">CA Cancer J Clin</data>

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<data key="d4">DNA methylation and body-mass index: a genome-wide analysis.</data>

<data key="d5">Dick KJ, Nelson CP, Tsaprouni L, Sandling JK, Aïssi D, Wahl S, Meduri E, Morange PE, Gagnon F, Grallert H, Waldenberger M, Peters A, Erdmann J, Hengstenberg C, Cambien F, Goodall AH, Ouwehand WH, Schunkert H, Thompson JR, Spector TD, Gieger C, Trégouët DA, Deloukas P, Samani NJ.</data>

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<data key="d5">Selamat SA, Chung BS, Girard L, Zhang W, Zhang Y, Campan M, Siegmund KD, Koss MN, Hagen JA, Lam WL, Lam S, Gazdar AF, Laird-Offringa IA.</data>

<data key="d6">Genome Res</data>

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<data key="d4">SOX17 is a critical specifier of human primordial germ cell fate.</data>

<data key="d5">Irie N, Weinberger L, Tang WW, Kobayashi T, Viukov S, Manor YS, Dietmann S, Hanna JH, Surani MA.</data>

<data key="d6">Cell</data>

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<data key="d4">PRDM14 ensures naive pluripotency through dual regulation of signaling and epigenetic pathways in mouse embryonic stem cells.</data>

<data key="d5">Yamaji M, Ueda J, Hayashi K, Ohta H, Yabuta Y, Kurimoto K, Nakato R, Yamada Y, Shirahige K, Saitou M.</data>

<data key="d6">Cell Stem Cell</data>

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<data key="d4">Replication-coupled passive DNA demethylation for the erasure of genome imprints in mice.</data>

<data key="d5">Kagiwada S, Kurimoto K, Hirota T, Yamaji M, Saitou M.</data>

<data key="d6">EMBO J</data>

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<data key="d4">Germline DNA demethylation dynamics and imprint erasure through 5-hydroxymethylcytosine.</data>

<data key="d5">Hackett JA, Sengupta R, Zylicz JJ, Murakami K, Lee C, Down TA, Surani MA.</data>

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<data key="d7">2013</data>

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<data key="d5">Hayashi K, Ogushi S, Kurimoto K, Shimamoto S, Ohta H, Saitou M.</data>

<data key="d6">Science</data>

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<data key="d8">338</data>

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<data key="d4">HIF1α induced switch from bivalent to exclusively glycolytic metabolism during ESC-to-EpiSC/hESC transition.</data>

<data key="d5">Zhou W, Choi M, Margineantu D, Margaretha L, Hesson J, Cavanaugh C, Blau CA, Horwitz MS, Hockenbery D, Ware C, Ruohola-Baker H.</data>

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<data key="d5">Xue Y, Ouyang K, Huang J, Zhou Y, Ouyang H, Li H, Wang G, Wu Q, Wei C, Bi Y, Jiang L, Cai Z, Sun H, Zhang K, Zhang Y, Chen J, Fu XD.</data>

<data key="d6">Cell</data>

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<data key="d5">Rapoport JL, Giedd JN, Gogtay N.</data>

<data key="d6">Mol Psychiatry</data>

<data key="d7">2012</data>

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<data key="d4">Probing sporadic and familial Alzheimer's disease using induced pluripotent stem cells.</data>

<data key="d5">Israel MA, Yuan SH, Bardy C, Reyna SM, Mu Y, Herrera C, Hefferan MP, Van Gorp S, Nazor KL, Boscolo FS, Carson CT, Laurent LC, Marsala M, Gage FH, Remes AM, Koo EH, Goldstein LS.</data>

<data key="d6">Nature</data>

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<data key="d4">Functional links between Aβ toxicity, endocytic trafficking, and Alzheimer's disease risk factors in yeast.</data>

<data key="d5">Treusch S, Hamamichi S, Goodman JL, Matlack KE, Chung CY, Baru V, Shulman JM, Parrado A, Bevis BJ, Valastyan JS, Han H, Lindhagen-Persson M, Reiman EM, Evans DA, Bennett DA, Olofsson A, DeJager PL, Tanzi RE, Caldwell KA, Caldwell GA, Lindquist S.</data>

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<data key="d5">Sun S, Del Rosario BC, Szanto A, Ogawa Y, Jeon Y, Lee JT.</data>

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<data key="d5">Conrad T, Akhtar A.</data>

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<data key="d5">Xiong G, Deng L, Zhu J, Rychahou PG, Xu R.</data>

<data key="d6">BMC Cancer</data>

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<data key="d5">Goldhirsch A, Winer EP, Coates AS, Gelber RD, Piccart-Gebhart M, Thürlimann B, Senn HJ, Panel members.</data>

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<data key="d5">Ghajar CM, Peinado H, Mori H, Matei IR, Evason KJ, Brazier H, Almeida D, Koller A, Hajjar KA, Stainier DY, Chen EI, Lyden D, Bissell MJ.</data>

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<data key="d5">Ji H, Greening DW, Barnes TW, Lim JW, Tauro BJ, Rai A, Xu R, Adda C, Mathivanan S, Zhao W, Xue Y, Xu T, Zhu HJ, Simpson RJ.</data>

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<data key="d5">Calon A, Espinet E, Palomo-Ponce S, Tauriello DV, Iglesias M, Céspedes MV, Sevillano M, Nadal C, Jung P, Zhang XH, Byrom D, Riera A, Rossell D, Mangues R, Massagué J, Sancho E, Batlle E.</data>

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<data key="d5">Gao H, Chakraborty G, Lee-Lim AP, Mo Q, Decker M, Vonica A, Shen R, Brogi E, Brivanlou AH, Giancotti FG.</data>

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<data key="d4">Melanoma exosomes educate bone marrow progenitor cells toward a pro-metastatic phenotype through MET.</data>

<data key="d5">Peinado H, Alečković M, Lavotshkin S, Matei I, Costa-Silva B, Moreno-Bueno G, Hergueta-Redondo M, Williams C, García-Santos G, Ghajar C, Nitadori-Hoshino A, Hoffman C, Badal K, Garcia BA, Callahan MK, Yuan J, Martins VR, Skog J, Kaplan RN, Brady MS, Wolchok JD, Chapman PB, Kang Y, Bromberg J, Lyden D.</data>

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<data key="d6">Semin Cancer Biol</data>

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<data key="d4">Interactions between cancer stem cells and their niche govern metastatic colonization.</data>

<data key="d5">Malanchi I, Santamaria-Martínez A, Susanto E, Peng H, Lehr HA, Delaloye JF, Huelsken J.</data>

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<data key="d5">Valastyan S, Weinberg RA.</data>

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<data key="d5">Sethi N, Kang Y.</data>

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<data key="d5">Lagadinou ED, Sach A, Callahan K, Rossi RM, Neering SJ, Minhajuddin M, Ashton JM, Pei S, Grose V, O'Dwyer KM, Liesveld JL, Brookes PS, Becker MW, Jordan CT.</data>

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<data key="d5">Jenkins SJ, Ruckerl D, Thomas GD, Hewitson JP, Duncan S, Brombacher F, Maizels RM, Hume DA, Allen JE.</data>

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<data key="d5">Lee BC, Lee J.</data>

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<data key="d4">Macrophage biology in development, homeostasis and disease.</data>

<data key="d5">Wynn TA, Chawla A, Pollard JW.</data>

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<data key="d5">Martinez FO, Helming L, Milde R, Varin A, Melgert BN, Draijer C, Thomas B, Fabbri M, Crawshaw A, Ho LP, Ten Hacken NH, Cobos Jiménez V, Kootstra NA, Hamann J, Greaves DR, Locati M, Mantovani A, Gordon S.</data>

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<data key="d5">Van Dyken SJ, Locksley RM.</data>

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<data key="d5">Jaguin M, Houlbert N, Fardel O, Lecureur V.</data>

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<data key="d5">Odegaard JI, Chawla A.</data>

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<data key="d5">Biswas SK, Chittezhath M, Shalova IN, Lim JY.</data>

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<data key="d4">SOCS3 deficiency promotes M1 macrophage polarization and inflammation.</data>

<data key="d5">Qin H, Holdbrooks AT, Liu Y, Reynolds SL, Yanagisawa LL, Benveniste EN.</data>

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<data key="d5">Ambasudhan R, Talantova M, Coleman R, Yuan X, Zhu S, Lipton SA, Ding S.</data>

<data key="d6">Cell Stem Cell</data>

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<data key="d5">Kotton DN, Morrisey EE.</data>

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<data key="d5">Ding BS, Nolan DJ, Guo P, Babazadeh AO, Cao Z, Rosenwaks Z, Crystal RG, Simons M, Sato TN, Worgall S, Shido K, Rabbany SY, Rafii S.</data>

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<data key="d5">Malliaras K, Zhang Y, Seinfeld J, Galang G, Tseliou E, Cheng K, Sun B, Aminzadeh M, Marbán E.</data>

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<data key="d4">Cardiomyocyte proliferation contributes to heart growth in young humans.</data>

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<data key="d5">Zhong X, Gutierrez C, Xue T, Hampton C, Vergara MN, Cao LH, Peters A, Park TS, Zambidis ET, Meyer JS, Gamm DM, Yau KW, Canto-Soler MV.</data>

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<data key="d4">Photoreceptor precursors derived from three-dimensional embryonic stem cell cultures integrate and mature within adult degenerate retina.</data>

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<data key="d5">Azzolin L, Panciera T, Soligo S, Enzo E, Bicciato S, Dupont S, Bresolin S, Frasson C, Basso G, Guzzardo V, Fassina A, Cordenonsi M, Piccolo S.</data>

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<data key="d5">Mahmoud AI, Kocabas F, Kocabas F, Muralidhar SA, Kimura W, Koura AS, Thet S, Porrello ER, Sadek HA.</data>

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<data key="d5">Lin CW, Chang YL, Chang YC, Lin JC, Chen CC, Pan SH, Wu CT, Chen HY, Yang SC, Hong TM, Yang PC.</data>

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<data key="d4">β-Catenin-driven cancers require a YAP1 transcriptional complex for survival and tumorigenesis.</data>

<data key="d5">Rosenbluh J, Nijhawan D, Cox AG, Li X, Neal JT, Schafer EJ, Zack TI, Wang X, Tsherniak A, Schinzel AC, Shao DD, Schumacher SE, Weir BA, Vazquez F, Cowley GS, Root DE, Mesirov JP, Beroukhim R, Kuo CJ, Goessling W, Hahn WC.</data>

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<data key="d5">Halder G, Dupont S, Piccolo S.</data>

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<data key="d5">Konsavage WM, Kyler SL, Rennoll SA, Jin G, Yochum GS.</data>

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<data key="d5">von Gise A, Lin Z, Schlegelmilch K, Honor LB, Pan GM, Buck JN, Ma Q, Ishiwata T, Zhou B, Camargo FD, Pu WT.</data>

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<data key="d5">Zhou D, Zhang Y, Wu H, Barry E, Yin Y, Lawrence E, Dawson D, Willis JE, Markowitz SD, Camargo FD, Avruch J.</data>

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<data key="d5">Xin M, Kim Y, Sutherland LB, Qi X, McAnally J, Schwartz RJ, Richardson JA, Bassel-Duby R, Olson EN.</data>

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<data key="d5">Zhao B, Tumaneng K, Guan KL.</data>

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<data key="d5">Butler AE, Campbell-Thompson M, Gurlo T, Dawson DW, Atkinson M, Butler PC.</data>

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<data key="d5">Dow LE, O'Rourke KP, Simon J, Tschaharganeh DF, van Es JH, Clevers H, Lowe SW.</data>

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<data key="d5">Chow A, Brown BD, Merad M.</data>

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<data key="d5">Chien Y, Scuoppo C, Wang X, Fang X, Balgley B, Bolden JE, Premsrirut P, Luo W, Chicas A, Lee CS, Kogan SC, Lowe SW.</data>

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<data key="d4">Precise correction of the dystrophin gene in duchenne muscular dystrophy patient induced pluripotent stem cells by TALEN and CRISPR-Cas9.</data>

<data key="d5">Li HL, Fujimoto N, Sasakawa N, Shirai S, Ohkame T, Sakuma T, Tanaka M, Amano N, Watanabe A, Sakurai H, Yamamoto T, Yamanaka S, Hotta A.</data>

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<data key="d5">Zou J, Mali P, Huang X, Dowey SN, Cheng L.</data>

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<data key="d5">Pietras A, Pietras A, Katz AM, Ekström EJ, Wee B, Halliday JJ, Pitter KL, Werbeck JL, Amankulor NM, Huse JT, Holland EC.</data>

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<data key="d5">Ben-David U, Gan QF, Golan-Lev T, Arora P, Yanuka O, Oren YS, Leikin-Frenkel A, Graf M, Garippa R, Boehringer M, Gromo G, Benvenisty N.</data>

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<data key="d5">Ben-David U, Mayshar Y, Benvenisty N.</data>

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<data key="d5">Galli SJ, Borregaard N, Wynn TA.</data>

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<data key="d5">Sareen D, O'Rourke JG, Meera P, Muhammad AK, Grant S, Simpkinson M, Bell S, Carmona S, Ornelas L, Sahabian A, Gendron T, Petrucelli L, Baughn M, Ravits J, Harms MB, Rigo F, Bennett CF, Otis TS, Svendsen CN, Baloh RH.</data>

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<data key="d5">Nazor KL, Altun G, Lynch C, Tran H, Harness JV, Slavin I, Garitaonandia I, Müller FJ, Wang YC, Boscolo FS, Fakunle E, Dumevska B, Lee S, Park HS, Olee T, D'Lima DD, Semechkin R, Parast MM, Galat V, Laslett AL, Schmidt U, Keirstead HS, Loring JF, Laurent LC.</data>

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<data key="d5">Wakamoto Y, Dhar N, Chait R, Schneider K, Signorino-Gelo F, Leibler S, McKinney JD.</data>

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<data key="d5">Marusyk A, Almendro V, Polyak K.</data>

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<data key="d5">Munsky B, Neuert G, van Oudenaarden A.</data>

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<data key="d5">Veres A, Gosis BS, Ding Q, Collins R, Ragavendran A, Brand H, Erdin S, Cowan CA, Talkowski ME, Musunuru K.</data>

<data key="d6">Cell Stem Cell</data>

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<data key="d5">Mekhoubad S, Bock C, de Boer AS, Kiskinis E, Meissner A, Eggan K.</data>

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<data key="d4">Low incidence of DNA sequence variation in human induced pluripotent stem cells generated by nonintegrating plasmid expression.</data>

<data key="d5">Cheng L, Hansen NF, Zhao L, Du Y, Zou C, Donovan FX, Chou BK, Zhou G, Li S, Dowey SN, Ye Z, NISC Comparative Sequencing Program, Chandrasekharappa SC, Yang H, Mullikin JC, Liu PP.</data>

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<data key="d4">Reprogramming factor stoichiometry influences the epigenetic state and biological properties of induced pluripotent stem cells.</data>

<data key="d5">Carey BW, Markoulaki S, Hanna JH, Faddah DA, Buganim Y, Kim J, Ganz K, Steine EJ, Cassady JP, Creyghton MP, Welstead GG, Gao Q, Jaenisch R.</data>

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<data key="d4">In situ genetic correction of the sickle cell anemia mutation in human induced pluripotent stem cells using engineered zinc finger nucleases.</data>

<data key="d5">Sebastiano V, Maeder ML, Angstman JF, Haddad B, Khayter C, Yeo DT, Goodwin MJ, Hawkins JS, Ramirez CL, Batista LF, Artandi SE, Wernig M, Joung JK.</data>

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<data key="d5">Soldner F, Laganière J, Cheng AW, Hockemeyer D, Gao Q, Alagappan R, Khurana V, Golbe LI, Myers RH, Lindquist S, Zhang L, Guschin D, Fong LK, Vu BJ, Meng X, Urnov FD, Rebar EJ, Gregory PD, Zhang HS, Jaenisch R.</data>

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<data key="d4">Generation of induced pluripotent stem cells from urine.</data>

<data key="d5">Zhou T, Benda C, Duzinger S, Huang Y, Li X, Li Y, Guo X, Cao G, Chen S, Hao L, Chan YC, Ng KM, Ho JC, Wieser M, Wu J, Redl H, Tse HF, Grillari J, Grillari J, Grillari-Voglauer R, Pei D, Esteban MA.</data>

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<data key="d4">Detection and quantification of rare mutations with massively parallel sequencing.</data>

<data key="d5">Kinde I, Wu J, Papadopoulos N, Kinzler KW, Vogelstein B.</data>

<data key="d6">Proc Natl Acad Sci U S A</data>

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<data key="d5">Abyzov A, Mariani J, Palejev D, Zhang Y, Haney MS, Tomasini L, Ferrandino AF, Rosenberg Belmaker LA, Szekely A, Wilson M, Kocabas A, Calixto NE, Grigorenko EL, Huttner A, Chawarska K, Weissman S, Urban AE, Gerstein M, Vaccarino FM.</data>

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<data key="d4">De novo mutations in human genetic disease.</data>

<data key="d5">Veltman JA, Brunner HG.</data>

<data key="d6">Nat Rev Genet</data>

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<data key="d4">Screening ethnically diverse human embryonic stem cells identifies a chromosome 20 minimal amplicon conferring growth advantage.</data>

<data key="d5">International Stem Cell Initiative, Amps K, Andrews PW, Anyfantis G, Armstrong L, Avery S, Baharvand H, Baker J, Baker D, Munoz MB, Beil S, Benvenisty N, Ben-Yosef D, Biancotti JC, Bosman A, Brena RM, Brison D, Caisander G, Camarasa MV, Chen J, Chiao E, Choi YM, Choo AB, Collins D, Colman A, Crook JM, Daley GQ, Dalton A, De Sousa PA, Denning C, Downie J, Dvorak P, Montgomery KD, Feki A, Ford A, Fox V, Fraga AM, Frumkin T, Ge L, Gokhale PJ, Golan-Lev T, Gourabi H, Gropp M, Lu G, Hampl A, Harron K, Healy L, Herath W, Holm F, Hovatta O, Hyllner J, Inamdar MS, Irwanto AK, Ishii T, Jaconi M, Jin Y, Kimber S, Kiselev S, Knowles BB, Kopper O, Kukharenko V, Kuliev A, Lagarkova MA, Laird PW, Lako M, Laslett AL, Lavon N, Lee DR, Lee JE, Li C, Lim LS, Ludwig TE, Ma Y, Maltby E, Mateizel I, Mayshar Y, Mileikovsky M, Minger SL, Miyazaki T, Moon SY, Moore H, Mummery C, Nagy A, Nakatsuji N, Narwani K, Oh SK, Oh SK, Olson C, Otonkoski T, Pan F, Park IH, Pells S, Pera MF, Pereira LV, Qi O, Raj GS, Reubinoff B, Robins A, Robson P, Rossant J, Salekdeh GH, Schulz TC, Sermon K, Sheik Mohamed J, Shen H, Sherrer E, Sidhu K, Sivarajah S, Skottman H, Spits C, Stacey GN, Strehl R, Strelchenko N, Suemori H, Sun B, Suuronen R, Takahashi K, Tuuri T, Venu P, Verlinsky Y, Ward-van Oostwaard D, Weisenberger DJ, Wu Y, Yamanaka S, Young L, Zhou Q.</data>

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<data key="d4">Targeted gene correction of laminopathy-associated LMNA mutations in patient-specific iPSCs.</data>

<data key="d5">Liu GH, Suzuki K, Qu J, Sancho-Martinez I, Yi F, Li M, Kumar S, Nivet E, Kim J, Soligalla RD, Dubova I, Goebl A, Plongthongkum N, Fung HL, Zhang K, Loring JF, Laurent LC, Izpisua Belmonte JC.</data>

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<data key="d4">Cellular senescence in aging and age-related disease: from mechanisms to therapy.</data>

<data key="d5">Childs BG, Durik M, Baker DJ, van Deursen JM.</data>

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<data key="d4">POT1 mutations cause telomere dysfunction in chronic lymphocytic leukemia.</data>

<data key="d5">Ramsay AJ, Quesada V, Foronda M, Conde L, Martínez-Trillos A, Villamor N, Rodríguez D, Kwarciak A, Garabaya C, Gallardo M, López-Guerra M, López-Guillermo A, Puente XS, Blasco MA, Campo E, López-Otín C.</data>

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<data key="d4">Telomerase directly regulates NF-κB-dependent transcription.</data>

<data key="d5">Ghosh A, Saginc G, Leow SC, Khattar E, Shin EM, Yan TD, Wong M, Zhang Z, Li G, Sung WK, Zhou J, Chng WJ, Li S, Liu E, Tergaonkar V.</data>

<data key="d6">Nat Cell Biol</data>

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<data key="d4">Mesenchymal stem cell: keystone of the hematopoietic stem cell niche and a stepping-stone for regenerative medicine.</data>

<data key="d5">Frenette PS, Pinho S, Lucas D, Scheiermann C.</data>

<data key="d6">Annu Rev Immunol</data>

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<data key="d4">Multiple targets of miR-302 and miR-372 promote reprogramming of human fibroblasts to induced pluripotent stem cells.</data>

<data key="d5">Subramanyam D, Lamouille S, Judson RL, Liu JY, Bucay N, Derynck R, Blelloch R.</data>

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<data key="d4">Expression Atlas update--an integrated database of gene and protein expression in humans, animals and plants.</data>

<data key="d5">Petryszak R, Keays M, Tang YA, Fonseca NA, Barrera E, Burdett T, Füllgrabe A, Fuentes AM, Jupp S, Koskinen S, Mannion O, Huerta L, Megy K, Snow C, Williams E, Barzine M, Hastings E, Weisser H, Wright J, Jaiswal P, Huber W, Choudhary J, Parkinson HE, Brazma A.</data>

<data key="d6">Nucleic Acids Res</data>

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<data key="d4">Human body epigenome maps reveal noncanonical DNA methylation variation.</data>

<data key="d5">Schultz MD, He Y, Whitaker JW, Hariharan M, Mukamel EA, Leung D, Rajagopal N, Nery JR, Urich MA, Chen H, Lin S, Lin Y, Jung I, Schmitt AD, Selvaraj S, Ren B, Sejnowski TJ, Wang W, Ecker JR.</data>

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<data key="d5">Bender S, Tang Y, Lindroth AM, Hovestadt V, Jones DT, Kool M, Zapatka M, Northcott PA, Sturm D, Wang W, Radlwimmer B, Højfeldt JW, Truffaux N, Castel D, Schubert S, Ryzhova M, Seker-Cin H, Gronych J, Johann PD, Stark S, Meyer J, Milde T, Schuhmann M, Ebinger M, Monoranu CM, Ponnuswami A, Chen S, Jones C, Witt O, Collins VP, von Deimling A, Jabado N, Puget S, Grill J, Helin K, Korshunov A, Lichter P, Monje M, Plass C, Cho YJ, Pfister SM.</data>

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<data key="d5">Lister R, Mukamel EA, Nery JR, Urich M, Puddifoot CA, Johnson ND, Lucero J, Huang Y, Dwork AJ, Schultz MD, Yu M, Tonti-Filippini J, Heyn H, Hu S, Wu JC, Rao A, Esteller M, He C, Haghighi FG, Sejnowski TJ, Behrens MM, Ecker JR.</data>

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<data key="d5">Richter J, Schlesner M, Hoffmann S, Kreuz M, Leich E, Burkhardt B, Rosolowski M, Ammerpohl O, Wagener R, Bernhart SH, Lenze D, Szczepanowski M, Paulsen M, Lipinski S, Russell RB, Russell RB, Adam-Klages S, Apic G, Claviez A, Hasenclever D, Hovestadt V, Hornig N, Korbel JO, Kube D, Langenberger D, Lawerenz C, Lisfeld J, Meyer K, Picelli S, Pischimarov J, Radlwimmer B, Rausch T, Rohde M, Schilhabel M, Scholtysik R, Spang R, Trautmann H, Zenz T, Borkhardt A, Drexler HG, Möller P, MacLeod RA, Pott C, Schreiber S, Trümper L, Loeffler M, Stadler PF, Lichter P, Eils R, Küppers R, Hummel M, Klapper W, Rosenstiel P, Rosenwald A, Brors B, Siebert R, ICGC MMML-Seq Project.</data>

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<data key="d5">Kulis M, Heath S, Bibikova M, Queirós AC, Navarro A, Clot G, Martínez-Trillos A, Castellano G, Brun-Heath I, Pinyol M, Barberán-Soler S, Papasaikas P, Jares P, Beà S, Rico D, Ecker S, Rubio M, Royo R, Ho V, Klotzle B, Hernández L, Conde L, López-Guerra M, Colomer D, Villamor N, Aymerich M, Rozman M, Bayes M, Gut M, Gelpí JL, Orozco M, Fan JB, Quesada V, Puente XS, Pisano DG, Valencia A, López-Guillermo A, Gut I, López-Otín C, Campo E, Martín-Subero JI.</data>

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<data key="d5">Heyn H, Esteller M.</data>

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<data key="d5">Arand J, Spieler D, Karius T, Branco MR, Meilinger D, Meissner A, Jenuwein T, Xu G, Leonhardt H, Wolf V, Walter J.</data>

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<data key="d4">Nutrition and epigenetics: an interplay of dietary methyl donors, one-carbon metabolism and DNA methylation.</data>

<data key="d5">Anderson OS, Sant KE, Dolinoy DC.</data>

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<data key="d5">Heyn H, Li N, Ferreira HJ, Moran S, Pisano DG, Gomez A, Diez J, Sanchez-Mut JV, Setien F, Carmona FJ, Puca AA, Sayols S, Pujana MA, Serra-Musach J, Iglesias-Platas I, Formiga F, Fernandez AF, Fraga MF, Heath SC, Valencia A, Gut IG, Wang J, Wang J, Esteller M.</data>

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<data key="d5">Yu M, Hon GC, Szulwach KE, Song CX, Zhang L, Kim A, Li X, Dai Q, Shen Y, Park B, Min JH, Jin P, Ren B, He C.</data>

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<data key="d4">Differential gene and transcript expression analysis of RNA-seq experiments with TopHat and Cufflinks.</data>

<data key="d5">Trapnell C, Roberts A, Goff L, Pertea G, Kim D, Kelley DR, Pimentel H, Salzberg SL, Rinn JL, Pachter L.</data>

<data key="d6">Nat Protoc</data>

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<data key="d4">Base-resolution analyses of sequence and parent-of-origin dependent DNA methylation in the mouse genome.</data>

<data key="d5">Xie W, Barr CL, Kim A, Yue F, Lee AY, Eubanks J, Dempster EL, Ren B.</data>

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<data key="d4">DNA methylome analysis using short bisulfite sequencing data.</data>

<data key="d5">Krueger F, Kreck B, Franke A, Andrews SR.</data>

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<data key="d5">Kanno Y, Vahedi G, Hirahara K, Singleton K, O'Shea JJ.</data>

<data key="d6">Annu Rev Immunol</data>

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<data key="d4">Contribution of intragenic DNA methylation in mouse gametic DNA methylomes to establish oocyte-specific heritable marks.</data>

<data key="d5">Kobayashi H, Sakurai T, Imai M, Takahashi N, Fukuda A, Yayoi O, Sato S, Nakabayashi K, Hata K, Sotomaru Y, Suzuki Y, Kono T.</data>

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<data key="d4">Global DNA hypomethylation coupled to repressive chromatin domain formation and gene silencing in breast cancer.</data>

<data key="d5">Hon GC, Hawkins RD, Caballero OL, Lo C, Lister R, Pelizzola M, Valsesia A, Ye Z, Kuan S, Edsall LE, Camargo AA, Stevenson BJ, Ecker JR, Bafna V, Strausberg RL, Simpson AJ, Ren B.</data>

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<data key="d4">Regions of focal DNA hypermethylation and long-range hypomethylation in colorectal cancer coincide with nuclear lamina-associated domains.</data>

<data key="d5">Berman BP, Weisenberger DJ, Aman JF, Hinoue T, Ramjan Z, Liu Y, Noushmehr H, Lange CP, van Dijk CM, Tollenaar RA, Van Den Berg D, Laird PW.</data>

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<data key="d4">5-hmC-mediated epigenetic dynamics during postnatal neurodevelopment and aging.</data>

<data key="d5">Szulwach KE, Li X, Li Y, Song CX, Wu H, Dai Q, Irier H, Upadhyay AK, Gearing M, Levey AI, Vasanthakumar A, Godley LA, Chang Q, Cheng X, He C, Jin P.</data>

<data key="d6">Nat Neurosci</data>

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<data key="d4">Transgenerational epigenetic instability is a source of novel methylation variants.</data>

<data key="d5">Schmitz RJ, Schultz MD, Lewsey MG, O'Malley RC, Urich MA, Libiger O, Schork NJ, Ecker JR.</data>

<data key="d6">Science</data>

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<data key="d4">Epigenetic memory and preferential lineage-specific differentiation in induced pluripotent stem cells derived from human pancreatic islet beta cells.</data>

<data key="d5">Bar-Nur O, Russ HA, Efrat S, Benvenisty N.</data>

<data key="d6">Cell Stem Cell</data>

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<data key="d4">Incomplete DNA methylation underlies a transcriptional memory of somatic cells in human iPS cells.</data>

<data key="d5">Ohi Y, Qin H, Hong C, Blouin L, Polo JM, Guo T, Qi Z, Downey SL, Manos PD, Rossi DJ, Yu J, Hebrok M, Hochedlinger K, Costello JF, Song JS, Ramalho-Santos M.</data>

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<data key="d4">Age-related clonal hematopoiesis associated with adverse outcomes.</data>

<data key="d5">Jaiswal S, Fontanillas P, Flannick J, Manning A, Grauman PV, Mar BG, Lindsley RC, Mermel CH, Burtt N, Chavez A, Higgins JM, Moltchanov V, Kuo FC, Kluk MJ, Henderson B, Kinnunen L, Koistinen HA, Ladenvall C, Getz G, Correa A, Banahan BF, Gabriel S, Kathiresan S, Stringham HM, McCarthy MI, Boehnke M, Tuomilehto J, Haiman C, Groop L, Atzmon G, Wilson JG, Neuberg D, Altshuler D, Ebert BL.</data>

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<data key="d4">Tet1 is critical for neuronal activity-regulated gene expression and memory extinction.</data>

<data key="d5">Rudenko A, Dawlaty MM, Seo J, Cheng AW, Meng J, Le T, Faull KF, Jaenisch R, Tsai LH.</data>

<data key="d6">Neuron</data>

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<data key="d4">Tet1 regulates adult hippocampal neurogenesis and cognition.</data>

<data key="d5">Zhang RR, Cui QY, Murai K, Lim YC, Smith ZD, Jin S, Ye P, Rosa L, Lee YK, Wu HP, Liu W, Xu ZM, Yang L, Ding YQ, Tang F, Meissner A, Ding C, Shi Y, Xu GL.</data>

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<data key="d4">Genome-wide analysis reveals TET- and TDG-dependent 5-methylcytosine oxidation dynamics.</data>

<data key="d5">Shen L, Wu H, Diep D, Yamaguchi S, D'Alessio AC, Fung HL, Zhang K, Zhang Y.</data>

<data key="d6">Cell</data>

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<data key="d5">Ko M, An J, Bandukwala HS, Chavez L, Aijö T, Pastor WA, Segal MF, Li H, Koh KP, Lähdesmäki H, Hogan PG, Aravind L, Rao A.</data>

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<data key="d5">Xu Y, Xu C, Kato A, Tempel W, Abreu JG, Bian C, Hu Y, Hu D, Zhao B, Cerovina T, Diao J, Wu F, He HH, Cui Q, Clark E, Ma C, Barbara A, Veenstra GJ, Xu G, Kaiser UB, Liu XS, Sugrue SP, He X, Min J, Kato Y, Shi YG.</data>

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<data key="d5">Yildirim O, Li R, Hung JH, Chen PB, Dong X, Ee LS, Weng Z, Rando OJ, Fazzio TG.</data>

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<data key="d4">Ten-Eleven-Translocation 2 (TET2) negatively regulates homeostasis and differentiation of hematopoietic stem cells in mice.</data>

<data key="d5">Ko M, Bandukwala HS, An J, Lamperti ED, Thompson EC, Hastie R, Tsangaratou A, Rajewsky K, Koralov SB, Rao A.</data>

<data key="d6">Proc Natl Acad Sci U S A</data>

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<data key="d5">Dawlaty MM, Ganz K, Powell BE, Hu YC, Markoulaki S, Cheng AW, Gao Q, Kim J, Choi SW, Page DC, Jaenisch R.</data>

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<data key="d5">Quivoron C, Couronné L, Della Valle V, Lopez CK, Plo I, Wagner-Ballon O, Do Cruzeiro M, Delhommeau F, Arnulf B, Stern MH, Godley L, Opolon P, Tilly H, Solary E, Duffourd Y, Dessen P, Merle-Beral H, Nguyen-Khac F, Fontenay M, Vainchenker W, Bastard C, Mercher T, Bernard OA.</data>

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<data key="d5">Moran-Crusio K, Reavie L, Shih A, Abdel-Wahab O, Ndiaye-Lobry D, Lobry C, Figueroa ME, Vasanthakumar A, Patel J, Zhao X, Perna F, Pandey S, Madzo J, Song C, Dai Q, He C, Ibrahim S, Beran M, Zavadil J, Nimer SD, Melnick A, Godley LA, Aifantis I, Levine RL.</data>

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<data key="d5">Pfaffeneder T, Hackner B, Truss M, Münzel M, Müller M, Deiml CA, Hagemeier C, Carell T.</data>

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<data key="d5">Szulwach KE, Li X, Li Y, Song CX, Han JW, Kim S, Namburi S, Hermetz K, Kim JJ, Rudd MK, Yoon YS, Ren B, He C, Jin P.</data>

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<data key="d5">Xu Y, Wu F, Tan L, Kong L, Xiong L, Deng J, Barbera AJ, Zheng L, Zhang H, Huang S, Min J, Nicholson T, Chen T, Xu G, Shi Y, Zhang K, Shi YG.</data>

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<data key="d5">Williams K, Christensen J, Pedersen MT, Johansen JV, Cloos PA, Rappsilber J, Helin K.</data>

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<data key="d5">Ficz G, Branco MR, Seisenberger S, Santos F, Krueger F, Hore TA, Marques CJ, Andrews S, Reik W.</data>

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<data key="d4">Dual functions of Tet1 in transcriptional regulation in mouse embryonic stem cells.</data>

<data key="d5">Wu H, D'Alessio AC, Ito S, Xia K, Wang Z, Cui K, Zhao K, Sun YE, Zhang Y.</data>

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<data key="d5">Wossidlo M, Nakamura T, Lepikhov K, Marques CJ, Zakhartchenko V, Boiani M, Arand J, Nakano T, Reik W, Walter J.</data>

<data key="d6">Nat Commun</data>

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<data key="d4">Therapeutic targeting of microRNAs: current status and future challenges.</data>

<data key="d5">Li Z, Rana TM.</data>

<data key="d6">Nat Rev Drug Discov</data>

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<data key="d4">The miR-106b-25 cluster targets Smad7, activates TGF-β signaling, and induces EMT and tumor initiating cell characteristics downstream of Six1 in human breast cancer.</data>

<data key="d5">Smith AL, Iwanaga R, Drasin DJ, Micalizzi DS, Vartuli RL, Tan AC, Ford HL.</data>

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<data key="d5">Tata PR, Mou H, Pardo-Saganta A, Zhao R, Prabhu M, Law BM, Vinarsky V, Cho JL, Breton S, Sahay A, Medoff BD, Rajagopal J.</data>

<data key="d6">Nature</data>

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<data key="d4">Integrative analysis of 111 reference human epigenomes.</data>

<data key="d5">Roadmap Epigenomics Consortium, Kundaje A, Meuleman W, Ernst J, Bilenky M, Yen A, Heravi-Moussavi A, Kheradpour P, Zhang Z, Wang J, Ziller MJ, Amin V, Whitaker JW, Schultz MD, Ward LD, Sarkar A, Quon G, Sandstrom RS, Eaton ML, Wu YC, Pfenning AR, Wang X, Claussnitzer M, Liu Y, Coarfa C, Harris RA, Shoresh N, Epstein CB, Gjoneska E, Leung D, Xie W, Hawkins RD, Lister R, Hong C, Gascard P, Mungall AJ, Moore R, Chuah E, Tam A, Canfield TK, Hansen RS, Kaul R, Sabo PJ, Bansal MS, Carles A, Dixon JR, Farh KH, Feizi S, Karlic R, Kim AR, Kulkarni A, Li D, Lowdon R, Elliott G, Mercer TR, Neph SJ, Onuchic V, Polak P, Rajagopal N, Ray P, Sallari RC, Siebenthall KT, Sinnott-Armstrong NA, Stevens M, Thurman RE, Wu J, Zhang B, Zhou X, Beaudet AE, Boyer LA, De Jager PL, Farnham PJ, Fisher SJ, Haussler D, Jones SJ, Li W, Marra MA, McManus MT, Sunyaev S, Thomson JA, Tlsty TD, Tsai LH, Wang W, Waterland RA, Zhang MQ, Chadwick LH, Bernstein BE, Costello JF, Ecker JR, Hirst M, Meissner A, Milosavljevic A, Ren B, Stamatoyannopoulos JA, Wang T, Kellis M.</data>

<data key="d6">Nature</data>

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<data key="d4">A comparative encyclopedia of DNA elements in the mouse genome.</data>

<data key="d5">Yue F, Cheng Y, Breschi A, Vierstra J, Wu W, Ryba T, Sandstrom R, Ma Z, Davis C, Pope BD, Shen Y, Pervouchine DD, Djebali S, Thurman RE, Kaul R, Rynes E, Kirilusha A, Marinov GK, Williams BA, Trout D, Amrhein H, Fisher-Aylor K, Antoshechkin I, DeSalvo G, See LH, Fastuca M, Drenkow J, Zaleski C, Dobin A, Prieto P, Lagarde J, Bussotti G, Tanzer A, Denas O, Li K, Bender MA, Zhang M, Byron R, Groudine MT, McCleary D, Pham L, Ye Z, Kuan S, Edsall L, Wu YC, Rasmussen MD, Bansal MS, Kellis M, Keller CA, Morrissey CS, Mishra T, Jain D, Dogan N, Harris RS, Cayting P, Kawli T, Boyle AP, Euskirchen G, Kundaje A, Lin S, Lin Y, Jansen C, Malladi VS, Cline MS, Erickson DT, Kirkup VM, Learned K, Sloan CA, Rosenbloom KR, Lacerda de Sousa B, Beal K, Pignatelli M, Flicek P, Lian J, Kahveci T, Lee D, Kent WJ, Ramalho Santos M, Herrero J, Notredame C, Johnson A, Vong S, Lee K, Bates D, Neri F, Diegel M, Canfield T, Sabo PJ, Wilken MS, Reh TA, Giste E, Shafer A, Kutyavin T, Haugen E, Dunn D, Reynolds AP, Neph S, Humbert R, Hansen RS, De Bruijn M, Selleri L, Rudensky A, Josefowicz S, Samstein R, Eichler EE, Orkin SH, Levasseur D, Papayannopoulou T, Chang KH, Skoultchi A, Gosh S, Disteche C, Treuting P, Wang Y, Weiss MJ, Blobel GA, Cao X, Zhong S, Wang T, Good PJ, Lowdon RF, Adams LB, Zhou XQ, Pazin MJ, Feingold EA, Wold B, Taylor J, Mortazavi A, Weissman SM, Stamatoyannopoulos JA, Snyder MP, Guigo R, Gingeras TR, Gilbert DM, Hardison RC, Beer MA, Ren B, Mouse ENCODE Consortium.</data>

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<data key="d4">The aryl hydrocarbon receptor: multitasking in the immune system.</data>

<data key="d5">Stockinger B, Di Meglio P, Gialitakis M, Duarte JH.</data>

<data key="d6">Annu Rev Immunol</data>

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<data key="d4">The biology of the glucocorticoid receptor: new signaling mechanisms in health and disease.</data>

<data key="d5">Oakley RH, Cidlowski JA.</data>

<data key="d6">J Allergy Clin Immunol</data>

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<data key="d5">Hah N, Murakami S, Nagari A, Danko CG, Kraus WL.</data>

<data key="d6">Genome Res</data>

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<data key="d4">GATA3 acts upstream of FOXA1 in mediating ESR1 binding by shaping enhancer accessibility.</data>

<data key="d5">Theodorou V, Stark R, Menon S, Carroll JS.</data>

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<data key="d4">Controls of nucleosome positioning in the human genome.</data>

<data key="d5">Gaffney DJ, McVicker G, Pai AA, Fondufe-Mittendorf YN, Lewellen N, Michelini K, Widom J, Gilad Y, Pritchard JK.</data>

<data key="d6">PLoS Genet</data>

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<data key="d4">Interpreting noncoding genetic variation in complex traits and human disease.</data>

<data key="d5">Ward LD, Kellis M.</data>

<data key="d6">Nat Biotechnol</data>

<data key="d7">2012</data>

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<data key="d4">Systematic localization of common disease-associated variation in regulatory DNA.</data>

<data key="d5">Maurano MT, Humbert R, Rynes E, Thurman RE, Haugen E, Wang H, Reynolds AP, Sandstrom R, Qu H, Brody J, Shafer A, Neri F, Lee K, Kutyavin T, Stehling-Sun S, Johnson AK, Canfield TK, Giste E, Diegel M, Bates D, Hansen RS, Neph S, Sabo PJ, Heimfeld S, Raubitschek A, Ziegler S, Cotsapas C, Sotoodehnia N, Glass I, Sunyaev SR, Kaul R, Stamatoyannopoulos JA.</data>

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<data key="d4">Foxp3 exploits a pre-existent enhancer landscape for regulatory T cell lineage specification.</data>

<data key="d5">Samstein RM, Arvey A, Josefowicz SZ, Peng X, Reynolds A, Sandstrom R, Neph S, Sabo P, Kim JM, Liao W, Li MO, Leslie C, Stamatoyannopoulos JA, Rudensky AY.</data>

<data key="d6">Cell</data>

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<data key="d4">Sequence features and chromatin structure around the genomic regions bound by 119 human transcription factors.</data>

<data key="d5">Wang J, Zhuang J, Iyer S, Lin X, Whitfield TW, Greven MC, Pierce BG, Dong X, Kundaje A, Cheng Y, Rando OJ, Birney E, Myers RM, Noble WS, Snyder M, Weng Z.</data>

<data key="d6">Genome Res</data>

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<data key="d4">Widespread plasticity in CTCF occupancy linked to DNA methylation.</data>

<data key="d5">Wang H, Maurano MT, Qu H, Varley KE, Gertz J, Pauli F, Lee K, Canfield T, Weaver M, Sandstrom R, Thurman RE, Kaul R, Myers RM, Stamatoyannopoulos JA.</data>

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<data key="d4">The accessible chromatin landscape of the human genome.</data>

<data key="d5">Thurman RE, Rynes E, Humbert R, Vierstra J, Maurano MT, Haugen E, Sheffield NC, Stergachis AB, Wang H, Vernot B, Garg K, John S, Sandstrom R, Bates D, Boatman L, Canfield TK, Diegel M, Dunn D, Ebersol AK, Frum T, Giste E, Johnson AK, Johnson EM, Kutyavin T, Lajoie B, Lee BK, Lee K, London D, Lotakis D, Neph S, Neri F, Nguyen ED, Qu H, Reynolds AP, Roach V, Safi A, Sanchez ME, Sanyal A, Shafer A, Simon JM, Song L, Vong S, Weaver M, Yan Y, Zhang Z, Zhang Z, Lenhard B, Tewari M, Dorschner MO, Hansen RS, Navas PA, Stamatoyannopoulos G, Iyer VR, Lieb JD, Sunyaev SR, Akey JM, Sabo PJ, Kaul R, Furey TS, Dekker J, Crawford GE, Stamatoyannopoulos JA.</data>

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<data key="d4">An encyclopedia of mouse DNA elements (Mouse ENCODE).</data>

<data key="d5">Mouse ENCODE Consortium, Stamatoyannopoulos JA, Snyder M, Hardison R, Ren B, Gingeras T, Gilbert DM, Groudine M, Bender M, Kaul R, Canfield T, Giste E, Johnson A, Zhang M, Balasundaram G, Byron R, Roach V, Sabo PJ, Sandstrom R, Stehling AS, Thurman RE, Weissman SM, Cayting P, Hariharan M, Lian J, Cheng Y, Landt SG, Ma Z, Wold BJ, Dekker J, Crawford GE, Keller CA, Wu W, Morrissey C, Kumar SA, Mishra T, Jain D, Byrska-Bishop M, Blankenberg D, Lajoie BR, Jain G, Sanyal A, Chen KB, Denas O, Taylor J, Blobel GA, Weiss MJ, Pimkin M, Deng W, Marinov GK, Williams BA, Fisher-Aylor KI, Desalvo G, Kiralusha A, Trout D, Amrhein H, Mortazavi A, Edsall L, McCleary D, Kuan S, Shen Y, Yue F, Ye Z, Davis CA, Zaleski C, Jha S, Xue C, Dobin A, Lin W, Fastuca M, Wang H, Guigo R, Djebali S, Lagarde J, Ryba T, Sasaki T, Malladi VS, Cline MS, Kirkup VM, Learned K, Rosenbloom KR, Kent WJ, Feingold EA, Good PJ, Pazin M, Lowdon RF, Adams LB.</data>

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<data key="d4">Genome-wide protein-DNA binding dynamics suggest a molecular clutch for transcription factor function.</data>

<data key="d5">Lickwar CR, Mueller F, Hanlon SE, McNally JG, Lieb JD.</data>

<data key="d6">Nature</data>

<data key="d7">2012</data>

<data key="d8">484</data>

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<data key="d4">Dynamic exchange at regulatory elements during chromatin remodeling underlies assisted loading mechanism.</data>

<data key="d5">Voss TC, Schiltz RL, Sung MH, Yen PM, Stamatoyannopoulos JA, Biddie SC, Johnson TA, Miranda TB, John S, Hager GL.</data>

<data key="d6">Cell</data>

<data key="d7">2011</data>

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<data key="d4">Determinants and dynamics of genome accessibility.</data>

<data key="d5">Bell O, Tiwari VK, Thomä NH, Schübeler D.</data>

<data key="d6">Nat Rev Genet</data>

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<data key="d4">Transcription factor AP1 potentiates chromatin accessibility and glucocorticoid receptor binding.</data>

<data key="d5">Biddie SC, John S, Sabo PJ, Thurman RE, Johnson TA, Schiltz RL, Miranda TB, Sung MH, Trump S, Lightman SL, Vinson C, Stamatoyannopoulos JA, Hager GL.</data>

<data key="d6">Mol Cell</data>

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<data key="d5">Kapusta A, Kronenberg Z, Lynch VJ, Zhuo X, Ramsay L, Bourque G, Yandell M, Feschotte C.</data>

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<data key="d5">Chen JX, Krane M, Deutsch MA, Wang L, Rav-Acha M, Gregoire S, Engels MC, Rajarajan K, Karra R, Abel ED, Wu JC, Milan D, Wu SM.</data>

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<data key="d5">Huang P, He Z, Ji S, Sun H, Xiang D, Liu C, Hu Y, Wang X, Hui L.</data>

<data key="d6">Nature</data>

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<data key="d5">Wen Z, Nguyen HN, Guo Z, Lalli MA, Wang X, Su Y, Kim NS, Yoon KJ, Shin J, Zhang C, Makri G, Nauen D, Yu H, Guzman E, Chiang CH, Yoritomo N, Kaibuchi K, Zou J, Christian KM, Cheng L, Ross CA, Margolis RL, Chen G, Kosik KS, Song H, Ming GL.</data>

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<data key="d5">Hochbaum DR, Zhao Y, Farhi SL, Klapoetke N, Werley CA, Kapoor V, Zou P, Kralj JM, Maclaurin D, Smedemark-Margulies N, Saulnier JL, Boulting GL, Straub C, Cho YK, Melkonian M, Wong GK, Harrison DJ, Murthy VN, Sabatini BL, Boyden ES, Campbell RE, Cohen AE.</data>

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<data key="d4">Global transcriptional and translational repression in human-embryonic-stem-cell-derived Rett syndrome neurons.</data>

<data key="d5">Li Y, Wang H, Muffat J, Cheng AW, Orlando DA, Lovén J, Kwok SM, Feldman DA, Bateup HS, Gao Q, Hockemeyer D, Mitalipova M, Lewis CA, Vander Heiden MG, Sur M, Young RA, Jaenisch R.</data>

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<data key="d4">Divergent roles of ALS-linked proteins FUS/TLS and TDP-43 intersect in processing long pre-mRNAs.</data>

<data key="d5">Lagier-Tourenne C, Polymenidou M, Hutt KR, Vu AQ, Baughn M, Huelga SC, Clutario KM, Ling SC, Liang TY, Mazur C, Wancewicz E, Kim AS, Watt A, Freier S, Hicks GG, Donohue JP, Shiue L, Bennett CF, Ravits J, Cleveland DW, Yeo GW.</data>

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<data key="d5">Lin M, Pedrosa E, Shah A, Hrabovsky A, Maqbool S, Zheng D, Lachman HM.</data>

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<data key="d4">Modeling familial Alzheimer's disease with induced pluripotent stem cells.</data>

<data key="d5">Yagi T, Ito D, Okada Y, Akamatsu W, Nihei Y, Yoshizaki T, Yamanaka S, Okano H, Suzuki N.</data>

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<data key="d4">The role of MeCP2 in the brain.</data>

<data key="d5">Guy J, Cheval H, Selfridge J, Bird A.</data>

<data key="d6">Annu Rev Cell Dev Biol</data>

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<data key="d4">A role for glia in the progression of Rett's syndrome.</data>

<data key="d5">Lioy DT, Garg SK, Monaghan CE, Raber J, Foust KD, Kaspar BK, Hirrlinger PG, Kirchhoff F, Bissonnette JM, Ballas N, Mandel G.</data>

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<data key="d5">Pang ZP, Yang N, Vierbuchen T, Ostermeier A, Fuentes DR, Yang TQ, Citri A, Sebastiano V, Marro S, Südhof TC, Wernig M.</data>

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<data key="d4">Modelling schizophrenia using human induced pluripotent stem cells.</data>

<data key="d5">Brennand KJ, Simone A, Jou J, Gelboin-Burkhart C, Tran N, Sangar S, Li Y, Mu Y, Chen G, Yu D, McCarthy S, Sebat J, Gage FH.</data>

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<data key="d5">Cheung AY, Horvath LM, Grafodatskaya D, Pasceri P, Weksberg R, Hotta A, Carrel L, Ellis J.</data>

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<data key="d4">Rejuvenating senescent and centenarian human cells by reprogramming through the pluripotent state.</data>

<data key="d5">Lapasset L, Milhavet O, Prieur A, Besnard E, Babled A, Aït-Hamou N, Leschik J, Pellestor F, Ramirez JM, De Vos J, Lehmann S, Lemaitre JM.</data>

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<data key="d5">Meyer JS, Howden SE, Wallace KA, Verhoeven AD, Wright LS, Capowski EE, Pinilla I, Martin JM, Tian S, Stewart R, Pattnaik B, Thomson JA, Gamm DM.</data>

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<data key="d5">Kaas GA, Zhong C, Eason DE, Ross DL, Vachhani RV, Ming GL, King JR, Song H, Sweatt JD.</data>

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<data key="d5">Small KS, Hedman AK, Grundberg E, Nica AC, Thorleifsson G, Kong A, Thorsteindottir U, Shin SY, Richards HB, GIANT Consortium, MAGIC Investigators, DIAGRAM Consortium, Soranzo N, Ahmadi KR, Lindgren CM, Stefansson K, Dermitzakis ET, Deloukas P, Spector TD, McCarthy MI, MuTHER Consortium.</data>

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<data key="d5">Cheng X, Ying L, Lu L, Galvão AM, Mills JA, Lin HC, Kotton DN, Shen SS, Nostro MC, Choi JK, Weiss MJ, French DL, Gadue P.</data>

<data key="d6">Cell Stem Cell</data>

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<data key="d4">Targeted gene correction of α1-antitrypsin deficiency in induced pluripotent stem cells.</data>

<data key="d5">Yusa K, Rashid ST, Strick-Marchand H, Varela I, Liu PQ, Paschon DE, Miranda E, Ordóñez A, Hannan NR, Rouhani FJ, Darche S, Alexander G, Marciniak SJ, Fusaki N, Hasegawa M, Holmes MC, Di Santo JP, Lomas DA, Bradley A, Vallier L.</data>

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<data key="d5">Bock C, Kiskinis E, Verstappen G, Gu H, Boulting G, Smith ZD, Ziller M, Croft GF, Amoroso MW, Oakley DH, Gnirke A, Eggan K, Meissner A.</data>

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<data key="d5">Shan J, Shen J, Liu L, Xia F, Xu C, Duan G, Xu Y, Ma Q, Yang Z, Zhang Q, Ma L, Liu J, Xu S, Yan X, Bie P, Cui Y, Bian XW, Qian C.</data>

<data key="d6">Hepatology</data>

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<data key="d4">The histone demethylase KDM1A sustains the oncogenic potential of MLL-AF9 leukemia stem cells.</data>

<data key="d5">Harris WJ, Huang X, Lynch JT, Spencer GJ, Hitchin JR, Li Y, Ciceri F, Blaser JG, Greystoke BF, Jordan AM, Miller CJ, Ogilvie DJ, Somervaille TC.</data>

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<data key="d4">A DNA hypermethylation module for the stem/progenitor cell signature of cancer.</data>

<data key="d5">Easwaran H, Johnstone SE, Van Neste L, Ohm J, Mosbruger T, Wang Q, Aryee MJ, Joyce P, Ahuja N, Weisenberger D, Collisson E, Zhu J, Yegnasubramanian S, Matsui W, Baylin SB.</data>

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<data key="d5">Wong VW, Stange DE, Page ME, Buczacki S, Wabik A, Itami S, van de Wetering M, Poulsom R, Wright NA, Trotter MW, Watt FM, Winton DJ, Clevers H, Jensen KB.</data>

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<data key="d4">An animal model of MYC-driven medulloblastoma.</data>

<data key="d5">Pei Y, Moore CE, Wang J, Tewari AK, Eroshkin A, Cho YJ, Witt H, Korshunov A, Read TA, Sun JL, Schmitt EM, Miller CR, Buckley AF, McLendon RE, Westbrook TF, Northcott PA, Taylor MD, Pfister SM, Febbo PG, Wechsler-Reya RJ.</data>

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<data key="d4">RNAi screen identifies Brd4 as a therapeutic target in acute myeloid leukaemia.</data>

<data key="d5">Zuber J, Shi J, Wang E, Rappaport AR, Herrmann H, Sison EA, Magoon D, Qi J, Blatt K, Wunderlich M, Taylor MJ, Johns C, Chicas A, Mulloy JC, Kogan SC, Brown P, Valent P, Bradner JE, Lowe SW, Vakoc CR.</data>

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<data key="d4">An integrated approach to dissecting oncogene addiction implicates a Myb-coordinated self-renewal program as essential for leukemia maintenance.</data>

<data key="d5">Zuber J, Rappaport AR, Luo W, Wang E, Chen C, Vaseva AV, Shi J, Weissmueller S, Fellmann C, Taylor MJ, Weissenboeck M, Graeber TG, Kogan SC, Vakoc CR, Lowe SW.</data>

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<data key="d4">Wdr5 mediates self-renewal and reprogramming via the embryonic stem cell core transcriptional network.</data>

<data key="d5">Ang YS, Tsai SY, Lee DF, Monk J, Su J, Ratnakumar K, Ding J, Ge Y, Darr H, Chang B, Wang J, Rendl M, Bernstein E, Schaniel C, Lemischka IR.</data>

<data key="d6">Cell</data>

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<data key="d5">Merlos-Suárez A, Barriga FM, Jung P, Iglesias M, Céspedes MV, Rossell D, Sevillano M, Hernando-Momblona X, da Silva-Diz V, Muñoz P, Clevers H, Sancho E, Mangues R, Batlle E.</data>

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<data key="d4">Whole-genome bisulfite sequencing of two distinct interconvertible DNA methylomes of mouse embryonic stem cells.</data>

<data key="d5">Habibi E, Brinkman AB, Arand J, Kroeze LI, Kerstens HH, Matarese F, Lepikhov K, Gut M, Brun-Heath I, Hubner NC, Benedetti R, Altucci L, Jansen JH, Walter J, Gut IG, Marks H, Stunnenberg HG.</data>

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<data key="d4">A unique regulatory phase of DNA methylation in the early mammalian embryo.</data>

<data key="d5">Smith ZD, Chan MM, Mikkelsen TS, Gu H, Gnirke A, Regev A, Meissner A.</data>

<data key="d6">Nature</data>

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<data key="d4">Role of SWI/SNF in acute leukemia maintenance and enhancer-mediated Myc regulation.</data>

<data key="d5">Shi J, Whyte WA, Zepeda-Mendoza CJ, Milazzo JP, Shen C, Roe JS, Minder JL, Mercan F, Wang E, Eckersley-Maslin MA, Campbell AE, Kawaoka S, Shareef S, Zhu Z, Kendall J, Muhar M, Haslinger C, Yu M, Roeder RG, Wigler MH, Blobel GA, Zuber J, Spector DL, Young RA, Vakoc CR.</data>

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<data key="d4">Dynamic regulatory network controlling TH17 cell differentiation.</data>

<data key="d5">Yosef N, Shalek AK, Gaublomme JT, Jin H, Lee Y, Awasthi A, Wu C, Karwacz K, Xiao S, Jorgolli M, Gennert D, Satija R, Shakya A, Lu DY, Trombetta JJ, Pillai MR, Ratcliffe PJ, Coleman ML, Bix M, Tantin D, Park H, Kuchroo VK, Regev A.</data>

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<data key="d5">Yang JH, Li JH, Jiang S, Zhou H, Qu LH.</data>

<data key="d6">Nucleic Acids Res</data>

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<data key="d4">Esrrb is a pivotal target of the Gsk3/Tcf3 axis regulating embryonic stem cell self-renewal.</data>

<data key="d5">Martello G, Sugimoto T, Diamanti E, Joshi A, Hannah R, Ohtsuka S, Göttgens B, Niwa H, Smith A.</data>

<data key="d6">Cell Stem Cell</data>

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<data key="d4">ChIP-seq guidelines and practices of the ENCODE and modENCODE consortia.</data>

<data key="d5">Landt SG, Marinov GK, Kundaje A, Kheradpour P, Pauli F, Batzoglou S, Bernstein BE, Bickel P, Brown JB, Cayting P, Chen Y, DeSalvo G, Epstein C, Fisher-Aylor KI, Euskirchen G, Gerstein M, Gertz J, Hartemink AJ, Hoffman MM, Iyer VR, Jung YL, Karmakar S, Kellis M, Kharchenko PV, Li Q, Liu T, Liu XS, Ma L, Milosavljevic A, Myers RM, Park PJ, Pazin MJ, Perry MD, Raha D, Reddy TE, Rozowsky J, Shoresh N, Sidow A, Slattery M, Stamatoyannopoulos JA, Tolstorukov MY, White KP, Xi S, Farnham PJ, Lieb JD, Wold BJ, Snyder M.</data>

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<data key="d5">Belz GT, Nutt SL.</data>

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<data key="d4">A recently evolved transcriptional network controls biofilm development in Candida albicans.</data>

<data key="d5">Nobile CJ, Fox EP, Nett JE, Sorrells TR, Mitrovich QM, Hernday AD, Tuch BB, Andes DR, Johnson AD.</data>

<data key="d6">Cell</data>

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<data key="d4">Dnmt3a is essential for hematopoietic stem cell differentiation.</data>

<data key="d5">Challen GA, Sun D, Jeong M, Luo M, Jelinek J, Berg JS, Bock C, Vasanthakumar A, Gu H, Xi Y, Liang S, Lu Y, Darlington GJ, Meissner A, Issa JP, Godley LA, Li W, Goodell MA.</data>

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<data key="d4">Lineage regulators direct BMP and Wnt pathways to cell-specific programs during differentiation and regeneration.</data>

<data key="d5">Trompouki E, Bowman TV, Lawton LN, Fan ZP, Wu DC, DiBiase A, Martin CS, Cech JN, Sessa AK, Leblanc JL, Li P, Durand EM, Mosimann C, Heffner GC, Daley GQ, Paulson RF, Young RA, Zon LI.</data>

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<data key="d4">Genome-wide analysis of simultaneous GATA1/2, RUNX1, FLI1, and SCL binding in megakaryocytes identifies hematopoietic regulators.</data>

<data key="d5">Tijssen MR, Cvejic A, Joshi A, Hannah RL, Ferreira R, Forrai A, Bellissimo DC, Oram SH, Smethurst PA, Wilson NK, Wang X, Ottersbach K, Stemple DL, Green AR, Ouwehand WH, Göttgens B.</data>

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<data key="d4">Genomic and biochemical insights into the specificity of ETS transcription factors.</data>

<data key="d5">Hollenhorst PC, McIntosh LP, Graves BJ.</data>

<data key="d6">Annu Rev Biochem</data>

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<data key="d4">A central role for the ERK-signaling pathway in controlling Schwann cell plasticity and peripheral nerve regeneration in vivo.</data>

<data key="d5">Napoli I, Noon LA, Ribeiro S, Kerai AP, Parrinello S, Rosenberg LH, Collins MJ, Harrisingh MC, White IJ, Woodhoo A, Lloyd AC.</data>

<data key="d6">Neuron</data>

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<data key="d4">Impaired intrinsic immunity to HSV-1 in human iPSC-derived TLR3-deficient CNS cells.</data>

<data key="d5">Lafaille FG, Pessach IM, Zhang SY, Ciancanelli MJ, Herman M, Abhyankar A, Ying SW, Keros S, Goldstein PA, Mostoslavsky G, Ordovas-Montanes J, Jouanguy E, Plancoulaine S, Tu E, Elkabetz Y, Al-Muhsen S, Tardieu M, Schlaeger TM, Daley GQ, Abel L, Casanova JL, Studer L, Notarangelo LD.</data>

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<data key="d4">Knocking down disease: a progress report on siRNA therapeutics.</data>

<data key="d5">Wittrup A, Lieberman J.</data>

<data key="d6">Nat Rev Genet</data>

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<data key="d4">The RNA-editing enzyme ADAR1 controls innate immune responses to RNA.</data>

<data key="d5">Mannion NM, Greenwood SM, Young R, Cox S, Brindle J, Read D, Nellåker C, Vesely C, Ponting CP, McLaughlin PJ, Jantsch MF, Dorin J, Adams IR, Scadden AD, Ohman M, Keegan LP, O'Connell MA.</data>

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<data key="d4">Modeling the mitochondrial cardiomyopathy of Barth syndrome with induced pluripotent stem cell and heart-on-chip technologies.</data>

<data key="d5">Wang G, McCain ML, Yang L, He A, Pasqualini FS, Agarwal A, Yuan H, Jiang D, Zhang D, Zangi L, Geva J, Roberts AE, Ma Q, Ding J, Chen J, Wang DZ, Li K, Wang J, Wanders RJ, Kulik W, Vaz FM, Laflamme MA, Murry CE, Chien KR, Kelley RI, Church GM, Parker KK, Pu WT.</data>

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<data key="d4">β-Aminoisobutyric acid induces browning of white fat and hepatic β-oxidation and is inversely correlated with cardiometabolic risk factors.</data>

<data key="d5">Roberts LD, Boström P, O'Sullivan JF, Schinzel RT, Lewis GD, Dejam A, Lee YK, Palma MJ, Calhoun S, Georgiadi A, Chen MH, Ramachandran VS, Larson MG, Bouchard C, Rankinen T, Souza AL, Clish CB, Wang TJ, Estall JL, Soukas AA, Cowan CA, Spiegelman BM, Gerszten RE.</data>

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<data key="d4">Efficient generation of lung and airway epithelial cells from human pluripotent stem cells.</data>

<data key="d5">Huang SX, Islam MN, O'Neill J, Hu Z, Yang YG, Chen YW, Mumau M, Green MD, Vunjak-Novakovic G, Bhattacharya J, Snoeck HW.</data>

<data key="d6">Nat Biotechnol</data>

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<data key="d4">mir-17-92 cluster is required for and sufficient to induce cardiomyocyte proliferation in postnatal and adult hearts.</data>

<data key="d5">Chen J, Huang ZP, Seok HY, Ding J, Kataoka M, Zhang Z, Hu X, Wang G, Lin Z, Wang S, Pu WT, Liao R, Wang DZ.</data>

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<data key="d5">Ding Q, Lee YK, Schaefer EA, Peters DT, Veres A, Kim K, Kuperwasser N, Motola DL, Meissner TB, Hendriks WT, Trevisan M, Gupta RM, Moisan A, Banks E, Friesen M, Schinzel RT, Xia F, Tang A, Xia Y, Figueroa E, Wann A, Ahfeldt T, Daheron L, Zhang F, Rubin LL, Peng LF, Chung RT, Musunuru K, Cowan CA.</data>

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<data key="d5">Gaj T, Guo J, Kato Y, Sirk SJ, Barbas CF.</data>

<data key="d6">Nat Methods</data>

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<data key="d5">Darabi R, Arpke RW, Irion S, Dimos JT, Grskovic M, Kyba M, Perlingeiro RC.</data>

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<data key="d4">Generation of multipotent lung and airway progenitors from mouse ESCs and patient-specific cystic fibrosis iPSCs.</data>

<data key="d5">Mou H, Zhao R, Sherwood R, Ahfeldt T, Lapey A, Wain J, Sicilian L, Izvolsky K, Musunuru K, Cowan C, Rajagopal J.</data>

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<data key="d5">Ruder WC, Lu T, Collins JJ.</data>

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<data key="d5">Ban H, Nishishita N, Fusaki N, Tabata T, Saeki K, Shikamura M, Takada N, Inoue M, Hasegawa M, Kawamata S, Nishikawa S.</data>

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<data key="d5">Filonov GS, Piatkevich KD, Ting LM, Zhang J, Kim K, Verkhusha VV.</data>

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<data key="d5">Burridge PW, Thompson S, Millrod MA, Weinberg S, Yuan X, Peters A, Mahairaki V, Koliatsos VE, Tung L, Zambidis ET.</data>

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<data key="d4">Efficient generation of transgene-free induced pluripotent stem cells from normal and neoplastic bone marrow and cord blood mononuclear cells.</data>

<data key="d5">Hu K, Yu J, Suknuntha K, Tian S, Montgomery K, Choi KD, Stewart R, Thomson JA, Slukvin II.</data>

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<data key="d5">Chou BK, Mali P, Huang X, Ye Z, Dowey SN, Resar LM, Zou C, Zhang YA, Tong J, Cheng L.</data>

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<data key="d4">Lin28 enhances tissue repair by reprogramming cellular metabolism.</data>

<data key="d5">Shyh-Chang N, Zhu H, Yvanka de Soysa T, Shinoda G, Seligson MT, Tsanov KM, Nguyen L, Asara JM, Cantley LC, Daley GQ.</data>

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<data key="d5">Bentzinger CF, Wang YX, Rudnicki MA.</data>

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<data key="d5">Knopf F, Hammond C, Chekuru A, Kurth T, Hans S, Weber CW, Mahatma G, Fisher S, Brand M, Schulte-Merker S, Weidinger G.</data>

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<data key="d4">esBAF facilitates pluripotency by conditioning the genome for LIF/STAT3 signalling and by regulating polycomb function.</data>

<data key="d5">Ho L, Miller EL, Ronan JL, Ho WQ, Jothi R, Crabtree GR.</data>

<data key="d6">Nat Cell Biol</data>

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<data key="d4">Tumor-associated macrophages regulate tumorigenicity and anticancer drug responses of cancer stem/initiating cells.</data>

<data key="d5">Jinushi M, Chiba S, Yoshiyama H, Masutomi K, Kinoshita I, Dosaka-Akita H, Yagita H, Takaoka A, Tahara H.</data>

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<data key="d4">Nonreceptor tyrosine kinase BMX maintains self-renewal and tumorigenic potential of glioblastoma stem cells by activating STAT3.</data>

<data key="d5">Guryanova OA, Wu Q, Cheng L, Lathia JD, Huang Z, Yang J, MacSwords J, Eyler CE, McLendon RE, Heddleston JM, Shou W, Hambardzumyan D, Lee J, Hjelmeland AB, Sloan AE, Bredel M, Stark GR, Rich JN, Bao S.</data>

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<data key="d4">Prmt5 is essential for early mouse development and acts in the cytoplasm to maintain ES cell pluripotency.</data>

<data key="d5">Tee WW, Pardo M, Theunissen TW, Yu L, Choudhary JS, Hajkova P, Surani MA.</data>

<data key="d6">Genes Dev</data>

<data key="d7">2010</data>

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<data key="d4">Vascularized and functional human liver from an iPSC-derived organ bud transplant.</data>

<data key="d5">Takebe T, Sekine K, Enomura M, Koike H, Kimura M, Ogaeri T, Zhang RR, Ueno Y, Zheng YW, Koike N, Aoyama S, Adachi Y, Taniguchi H.</data>

<data key="d6">Nature</data>

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<data key="d4">Transient activation of c-MYC expression is critical for efficient platelet generation from human induced pluripotent stem cells.</data>

<data key="d5">Takayama N, Nishimura S, Nakamura S, Shimizu T, Ohnishi R, Endo H, Yamaguchi T, Otsu M, Nishimura K, Nakanishi M, Sawaguchi A, Nagai R, Takahashi K, Yamanaka S, Nakauchi H, Eto K.</data>

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<data key="d4">Sperm, but not oocyte, DNA methylome is inherited by zebrafish early embryos.</data>

<data key="d5">Jiang L, Zhang J, Wang JJ, Wang L, Zhang L, Li G, Yang X, Ma X, Sun X, Cai J, Zhang J, Huang X, Yu M, Wang X, Liu F, Wu CI, He C, Zhang B, Ci W, Liu J.</data>

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<data key="d4">Dynamic DNA methylation across diverse human cell lines and tissues.</data>

<data key="d5">Varley KE, Gertz J, Bowling KM, Parker SL, Reddy TE, Pauli-Behn F, Cross MK, Williams BA, Stamatoyannopoulos JA, Crawford GE, Absher DM, Wold BJ, Myers RM.</data>

<data key="d6">Genome Res</data>

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<data key="d4">Mechanosensitive mechanisms in transcriptional regulation.</data>

<data key="d5">Mammoto A, Mammoto T, Ingber DE.</data>

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<data key="d4">Bump hunting to identify differentially methylated regions in epigenetic epidemiology studies.</data>

<data key="d5">Jaffe AE, Murakami P, Lee H, Leek JT, Fallin MD, Feinberg AP, Irizarry RA.</data>

<data key="d6">Int J Epidemiol</data>

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<data key="d4">Proteomic and phosphoproteomic comparison of human ES and iPS cells.</data>

<data key="d5">Phanstiel DH, Brumbaugh J, Wenger CD, Tian S, Probasco MD, Bailey DJ, Swaney DL, Tervo MA, Bolin JM, Ruotti V, Stewart R, Thomson JA, Coon JJ.</data>

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<data key="d5">Song SJ, Poliseno L, Song MS, Ala U, Webster K, Ng C, Beringer G, Brikbak NJ, Yuan X, Cantley LC, Richardson AL, Pandolfi PP.</data>

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<data key="d5">Nabel CS, Jia H, Ye Y, Shen L, Goldschmidt HL, Stivers JT, Zhang Y, Kohli RM.</data>

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<data key="d5">Dong C, Wu Y, Yao J, Wang Y, Yu Y, Rychahou PG, Evers BM, Zhou BP.</data>

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<data key="d5">Yang H, Liu Y, Bai F, Zhang JY, Ma SH, Liu J, Xu ZD, Zhu HG, Ling ZQ, Ye D, Guan KL, Xiong Y.</data>

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<data key="d5">Inoue A, Shen L, Dai Q, He C, Zhang Y.</data>

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<data key="d5">Greer EL, Maures TJ, Ucar D, Hauswirth AG, Mancini E, Lim JP, Benayoun BA, Shi Y, Brunet A.</data>

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<data key="d5">Gu TP, Guo F, Yang H, Wu HP, Xu GF, Liu W, Xie ZG, Shi L, He X, Jin SG, Iqbal K, Shi YG, Deng Z, Szabó PE, Pfeifer GP, Li J, Xu GL.</data>

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<data key="d5">Guo JU, Ma DK, Mo H, Ball MP, Jang MH, Bonaguidi MA, Balazer JA, Eaves HL, Xie B, Ford E, Zhang K, Ming GL, Gao Y, Song H.</data>

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<data key="d5">Maiti A, Drohat AC.</data>

<data key="d6">J Biol Chem</data>

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<data key="d5">He YF, Li BZ, Li Z, Liu P, Wang Y, Tang Q, Ding J, Jia Y, Chen Z, Li L, Sun Y, Li X, Dai Q, Song CX, Zhang K, He C, Xu GL.</data>

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<data key="d5">Ito S, Shen L, Dai Q, Wu SC, Collins LB, Swenberg JA, He C, Zhang Y.</data>

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<data key="d5">Faulk C, Dolinoy DC.</data>

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<data key="d5">Cortellino S, Xu J, Sannai M, Moore R, Caretti E, Cigliano A, Le Coz M, Devarajan K, Wessels A, Soprano D, Abramowitz LK, Bartolomei MS, Rambow F, Bassi MR, Bruno T, Fanciulli M, Renner C, Klein-Szanto AJ, Matsumoto Y, Kobi D, Davidson I, Alberti C, Larue L, Bellacosa A.</data>

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<data key="d5">Iqbal K, Jin SG, Pfeifer GP, Szabó PE.</data>

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<data key="d4">Leukemic IDH1 and IDH2 mutations result in a hypermethylation phenotype, disrupt TET2 function, and impair hematopoietic differentiation.</data>

<data key="d5">Figueroa ME, Abdel-Wahab O, Lu C, Ward PS, Patel J, Shih A, Li Y, Bhagwat N, Vasanthakumar A, Fernandez HF, Tallman MS, Sun Z, Wolniak K, Peeters JK, Liu W, Choe SE, Fantin VR, Paietta E, Löwenberg B, Licht JD, Godley LA, Delwel R, Valk PJ, Thompson CB, Levine RL, Melnick A.</data>

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<data key="d5">Shah AM, Mann DL.</data>

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<data key="d5">Wang J, Panáková D, Kikuchi K, Holdway JE, Gemberling M, Burris JS, Singh SP, Dickson AL, Lin YF, Sabeh MK, Werdich AA, Yelon D, Macrae CA, Poss KD.</data>

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<data key="d5">Hargreaves DC, Crabtree GR.</data>

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<data key="d5">Rada-Iglesias A, Bajpai R, Swigut T, Brugmann SA, Flynn RA, Wysocka J.</data>

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<data key="d5">Paige SL, Thomas S, Stoick-Cooper CL, Wang H, Maves L, Sandstrom R, Pabon L, Reinecke H, Pratt G, Keller G, Moon RT, Stamatoyannopoulos J, Murry CE.</data>

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<data key="d5">Nombela-Arrieta C, Pivarnik G, Winkel B, Canty KJ, Harley B, Mahoney JE, Park SY, Lu J, Protopopov A, Silberstein LE.</data>

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<data key="d5">Dong C, Yuan T, Wu Y, Wang Y, Fan TW, Miriyala S, Lin Y, Yao J, Shi J, Kang T, Lorkiewicz P, St Clair D, Hung MC, Evers BM, Zhou BP.</data>

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<data key="d5">Lock FE, McDonald PC, Lou Y, Serrano I, Chafe SC, Ostlund C, Aparicio S, Winum JY, Supuran CT, Dedhar S.</data>

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<data key="d4">CD133 as a biomarker for putative cancer stem cells in solid tumours: limitations, problems and challenges.</data>

<data key="d5">Grosse-Gehling P, Fargeas CA, Dittfeld C, Garbe Y, Alison MR, Corbeil D, Kunz-Schughart LA.</data>

<data key="d6">J Pathol</data>

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<data key="d4">HIF induces human embryonic stem cell markers in cancer cells.</data>

<data key="d5">Mathieu J, Zhang Z, Zhou W, Wang AJ, Heddleston JM, Pinna CM, Hubaud A, Stadler B, Choi M, Bar M, Tewari M, Liu A, Vessella R, Rostomily R, Born D, Horwitz M, Ware C, Blau CA, Cleary MA, Rich JN, Ruohola-Baker H.</data>

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<data key="d4">β-catenin enhances Oct-4 activity and reinforces pluripotency through a TCF-independent mechanism.</data>

<data key="d5">Kelly KF, Ng DY, Jayakumaran G, Wood GA, Koide H, Doble BW.</data>

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<data key="d5">Kim K, Zhao R, Doi A, Ng K, Unternaehrer J, Cahan P, Huo H, Loh YH, Aryee MJ, Lensch MW, Li H, Collins JJ, Feinberg AP, Daley GQ.</data>

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<data key="d5">Gorelick PB, Scuteri A, Black SE, Decarli C, Greenberg SM, Iadecola C, Launer LJ, Laurent S, Lopez OL, Nyenhuis D, Petersen RC, Schneider JA, Tzourio C, Arnett DK, Bennett DA, Chui HC, Higashida RT, Lindquist R, Nilsson PM, Roman GC, Sellke FW, Seshadri S, American Heart Association Stroke Council, Council on Epidemiology and Prevention, Council on Cardiovascular Nursing, Council on Cardiovascular Radiology and Intervention, and Council on Cardiovascular Surgery and Anesthesia.</data>

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<data key="d5">Kovacic JC, Mercader N, Torres M, Boehm M, Fuster V.</data>

<data key="d6">Circulation</data>

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<data key="d5">McDonald OG, Wu H, Timp W, Doi A, Feinberg AP.</data>

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<data key="d5">Xu C, Fillmore CM, Koyama S, Wu H, Zhao Y, Chen Z, Herter-Sprie GS, Akbay EA, Tchaicha JH, Altabef A, Reibel JB, Walton Z, Ji H, Watanabe H, Jänne PA, Castrillon DH, Rustgi AK, Bass AJ, Freeman GJ, Padera RF, Dranoff G, Hammerman PS, Kim CF, Wong KK.</data>

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<data key="d5">Kong D, Li Y, Wang Z, Sarkar FH.</data>

<data key="d6">Cancers (Basel)</data>

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<data key="d5">Fischer KR, Durrans A, Lee S, Sheng J, Li F, Wong ST, Choi H, El Rayes T, Ryu S, Troeger J, Schwabe RF, Vahdat LT, Altorki NK, Mittal V, Gao D.</data>

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<data key="d5">Scheel C, Eaton EN, Li SH, Chaffer CL, Reinhardt F, Kah KJ, Bell G, Guo W, Rubin J, Richardson AL, Weinberg RA.</data>

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<data key="d5">Zhang H, Pasolli HA, Fuchs E.</data>

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<data key="d5">Ware CB, Nelson AM, Mecham B, Hesson J, Zhou W, Jonlin EC, Jimenez-Caliani AJ, Deng X, Cavanaugh C, Cook S, Tesar PJ, Okada J, Margaretha L, Sperber H, Choi M, Blau CA, Treuting PM, Hawkins RD, Cirulli V, Ruohola-Baker H.</data>

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<data key="d5">Shah PP, Donahue G, Otte GL, Capell BC, Nelson DM, Cao K, Aggarwala V, Cruickshanks HA, Rai TS, McBryan T, Gregory BD, Adams PD, Berger SL.</data>

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<data key="d5">Clowney EJ, LeGros MA, Mosley CP, Clowney FG, Markenskoff-Papadimitriou EC, Myllys M, Barnea G, Larabell CA, Lomvardas S.</data>

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<data key="d5">Lin YC, Benner C, Mansson R, Heinz S, Miyazaki K, Miyazaki M, Chandra V, Bossen C, Glass CK, Murre C.</data>

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<data key="d5">Zullo JM, Demarco IA, Piqué-Regi R, Gaffney DJ, Epstein CB, Spooner CJ, Luperchio TR, Bernstein BE, Pritchard JK, Reddy KL, Singh H.</data>

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<data key="d4">Topological domains in mammalian genomes identified by analysis of chromatin interactions.</data>

<data key="d5">Dixon JR, Selvaraj S, Yue F, Kim A, Li Y, Shen Y, Hu M, Liu JS, Ren B.</data>

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<data key="d5">de Wit E, de Laat W.</data>

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<data key="d5">Kim Y, Sharov AA, McDole K, Cheng M, Hao H, Fan CM, Gaiano N, Ko MS, Zheng Y.</data>

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<data key="d5">Splinter E, de Wit E, Nora EP, Klous P, van de Werken HJ, Zhu Y, Kaaij LJ, van Ijcken W, Gribnau J, Heard E, de Laat W.</data>

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<data key="d5">Handoko L, Xu H, Li G, Ngan CY, Chew E, Schnapp M, Lee CW, Ye C, Ping JL, Mulawadi F, Wong E, Sheng J, Zhang Y, Poh T, Chan CS, Kunarso G, Shahab A, Bourque G, Cacheux-Rataboul V, Sung WK, Ruan Y, Wei CL.</data>

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<data key="d5">Liu GH, Barkho BZ, Ruiz S, Diep D, Qu J, Yang SL, Panopoulos AD, Suzuki K, Kurian L, Walsh C, Thompson J, Boue S, Fung HL, Sancho-Martinez I, Zhang K, Yates J, Izpisua Belmonte JC.</data>

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<data key="d5">van Steensel B, Dekker J.</data>

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<data key="d5">Ho JW, Jung YL, Liu T, Alver BH, Lee S, Ikegami K, Sohn KA, Minoda A, Tolstorukov MY, Appert A, Parker SC, Gu T, Kundaje A, Riddle NC, Bishop E, Egelhofer TA, Hu SS, Alekseyenko AA, Rechtsteiner A, Asker D, Belsky JA, Bowman SK, Chen QB, Chen RA, Day DS, Dong Y, Dose AC, Duan X, Epstein CB, Ercan S, Feingold EA, Ferrari F, Garrigues JM, Gehlenborg N, Good PJ, Haseley P, He D, Herrmann M, Hoffman MM, Jeffers TE, Kharchenko PV, Kolasinska-Zwierz P, Kotwaliwale CV, Kumar N, Langley SA, Larschan EN, Latorre I, Libbrecht MW, Lin X, Park R, Pazin MJ, Pham HN, Plachetka A, Qin B, Schwartz YB, Shoresh N, Stempor P, Vielle A, Wang C, Whittle CM, Xue H, Kingston RE, Kim JH, Bernstein BE, Dernburg AF, Pirrotta V, Kuroda MI, Noble WS, Tullius TD, Kellis M, MacAlpine DM, Strome S, Elgin SC, Liu XS, Lieb JD, Ahringer J, Karpen GH, Park PJ.</data>

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<data key="d5">Hangauer MJ, Vaughn IW, McManus MT.</data>

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<data key="d5">McCord RP, Nazario-Toole A, Zhang H, Chines PS, Zhan Y, Erdos MR, Collins FS, Dekker J, Cao K.</data>

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<data key="d5">Black JC, Van Rechem C, Whetstine JR.</data>

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<data key="d5">Rothbart SB, Krajewski K, Nady N, Tempel W, Xue S, Badeaux AI, Barsyte-Lovejoy D, Martinez JY, Bedford MT, Fuchs SM, Arrowsmith CH, Strahl BD.</data>

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<data key="d5">Chandra T, Kirschner K, Thuret JY, Pope BD, Ryba T, Newman S, Ahmed K, Samarajiwa SA, Salama R, Carroll T, Stark R, Janky R, Narita M, Xue L, Chicas A, Nũnez S, Janknecht R, Hayashi-Takanaka Y, Wilson MD, Marshall A, Odom DT, Babu MM, Bazett-Jones DP, Tavaré S, Edwards PA, Lowe SW, Kimura H, Gilbert DM, Narita M.</data>

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<data key="d5">Brinkman AB, Gu H, Bartels SJ, Zhang Y, Matarese F, Simmer F, Marks H, Bock C, Gnirke A, Meissner A, Stunnenberg HG.</data>

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<data key="d5">Tan M, Luo H, Lee S, Jin F, Yang JS, Montellier E, Buchou T, Cheng Z, Rousseaux S, Rajagopal N, Lu Z, Ye Z, Zhu Q, Wysocka J, Ye Y, Khochbin S, Ren B, Zhao Y.</data>

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<data key="d5">Stroud H, Feng S, Morey Kinney S, Pradhan S, Jacobsen SE.</data>

<data key="d6">Genome Biol</data>

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<data key="d5">Young MD, Willson TA, Wakefield MJ, Trounson E, Hilton DJ, Blewitt ME, Oshlack A, Majewski IJ.</data>

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<data key="d4">An epigenetic signature for monoallelic olfactory receptor expression.</data>

<data key="d5">Magklara A, Yen A, Colquitt BM, Clowney EJ, Allen W, Markenscoff-Papadimitriou E, Evans ZA, Kheradpour P, Mountoufaris G, Carey C, Barnea G, Kellis M, Lomvardas S.</data>

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<data key="d5">Margueron R, Reinberg D.</data>

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<data key="d5">Egelhofer TA, Minoda A, Klugman S, Lee K, Kolasinska-Zwierz P, Alekseyenko AA, Cheung MS, Day DS, Gadel S, Gorchakov AA, Gu T, Kharchenko PV, Kuan S, Latorre I, Linder-Basso D, Luu Y, Ngo Q, Perry M, Rechtsteiner A, Riddle NC, Schwartz YB, Shanower GA, Vielle A, Ahringer J, Elgin SC, Kuroda MI, Pirrotta V, Ren B, Strome S, Park PJ, Karpen GH, Hawkins RD, Lieb JD.</data>

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<data key="d5">Zhou VW, Goren A, Bernstein BE.</data>

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<data key="d5">Surface LE, Thornton SR, Boyer LA.</data>

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<data key="d5">Kolodziejczyk AA, Kim JK, Svensson V, Marioni JC, Teichmann SA.</data>

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<data key="d5">Buettner F, Natarajan KN, Casale FP, Proserpio V, Scialdone A, Theis FJ, Teichmann SA, Marioni JC, Stegle O.</data>

<data key="d6">Nat Biotechnol</data>

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<data key="d4">The ability of inner-cell-mass cells to self-renew as embryonic stem cells is acquired following epiblast specification.</data>

<data key="d5">Boroviak T, Loos R, Bertone P, Smith A, Nichols J.</data>

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<data key="d4">Reconstructing lineage hierarchies of the distal lung epithelium using single-cell RNA-seq.</data>

<data key="d5">Treutlein B, Brownfield DG, Wu AR, Neff NF, Mantalas GL, Espinoza FH, Desai TJ, Krasnow MA, Quake SR.</data>

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<data key="d4">Quantitative assessment of single-cell RNA-sequencing methods.</data>

<data key="d5">Wu AR, Neff NF, Kalisky T, Dalerba P, Treutlein B, Rothenberg ME, Mburu FM, Mantalas GL, Sim S, Clarke MF, Quake SR.</data>

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<data key="d4">Targeting transcription regulation in cancer with a covalent CDK7 inhibitor.</data>

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<data key="d5">Liu W, Ma Q, Wong K, Li W, Ohgi K, Zhang J, Aggarwal A, Rosenfeld MG.</data>

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<data key="d5">Fu W, Ergun A, Lu T, Hill JA, Haxhinasto S, Fassett MS, Gazit R, Adoro S, Glimcher L, Chan S, Kastner P, Rossi D, Collins JJ, Mathis D, Benoist C.</data>

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<data key="d5">Koike N, Yoo SH, Huang HC, Kumar V, Lee C, Kim TK, Takahashi JS.</data>

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<data key="d5">Ray-Gallet D, Woolfe A, Vassias I, Pellentz C, Lacoste N, Puri A, Schultz DC, Pchelintsev NA, Adams PD, Jansen LE, Almouzni G.</data>

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<data key="d5">Ott M, Geyer M, Zhou Q.</data>

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<data key="d5">Blazek D, Kohoutek J, Bartholomeeusen K, Johansen E, Hulinkova P, Luo Z, Cimermancic P, Ule J, Peterlin BM.</data>

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<data key="d5">Pekowska A, Benoukraf T, Zacarias-Cabeza J, Belhocine M, Koch F, Holota H, Imbert J, Andrau JC, Ferrier P, Spicuglia S.</data>

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<data key="d5">Takahashi H, Parmely TJ, Sato S, Tomomori-Sato C, Banks CA, Kong SE, Szutorisz H, Swanson SK, Martin-Brown S, Washburn MP, Florens L, Seidel CW, Lin C, Smith ER, Shilatifard A, Conaway RC, Conaway JW.</data>

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<data key="d4">CDK12 is a transcription elongation-associated CTD kinase, the metazoan ortholog of yeast Ctk1.</data>

<data key="d5">Bartkowiak B, Liu P, Phatnani HP, Fuda NJ, Cooper JJ, Price DH, Adelman K, Lis JT, Greenleaf AL.</data>

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<data key="d5">Pavri R, Gazumyan A, Jankovic M, Di Virgilio M, Klein I, Ansarah-Sobrinho C, Resch W, Yamane A, Reina San-Martin B, Barreto V, Nieland TJ, Root DE, Casellas R, Nussenzweig MC.</data>

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<data key="d4">Droplet barcoding for single-cell transcriptomics applied to embryonic stem cells.</data>

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<data key="d5">Pollen AA, Nowakowski TJ, Shuga J, Wang X, Leyrat AA, Lui JH, Li N, Szpankowski L, Fowler B, Chen P, Ramalingam N, Sun G, Thu M, Norris M, Lebofsky R, Toppani D, Kemp DW, Wong M, Clerkson B, Jones BN, Wu S, Knutsson L, Alvarado B, Wang J, Weaver LS, May AP, Jones RC, Unger MA, Kriegstein AR, West JA.</data>

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<data key="d4">Identifying the stem cell of the intestinal crypt: strategies and pitfalls.</data>

<data key="d5">Barker N, van Oudenaarden A, Clevers H.</data>

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<data key="d5">Dalerba P, Kalisky T, Sahoo D, Rajendran PS, Rothenberg ME, Leyrat AA, Sim S, Okamoto J, Johnston DM, Qian D, Zabala M, Bueno J, Neff NF, Wang J, Shelton AA, Visser B, Hisamori S, Shimono Y, van de Wetering M, Clevers H, Clarke MF, Quake SR.</data>

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<data key="d5">Hanover JA, Krause MW, Love DC.</data>

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<data key="d5">Whyte WA, Bilodeau S, Orlando DA, Hoke HA, Frampton GM, Foster CT, Cowley SM, Young RA.</data>

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<data key="d5">Dunn SJ, Martello G, Yordanov B, Emmott S, Smith AG.</data>

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<data key="d4">N6-methyladenosine modification destabilizes developmental regulators in embryonic stem cells.</data>

<data key="d5">Wang Y, Li Y, Toth JI, Petroski MD, Zhang Z, Zhao JC.</data>

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<data key="d5">Tavares L, Dimitrova E, Oxley D, Webster J, Poot R, Demmers J, Bezstarosti K, Taylor S, Ura H, Koide H, Wutz A, Vidal M, Elderkin S, Brockdorff N.</data>

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<data key="d5">Landeira D, Sauer S, Poot R, Dvorkina M, Mazzarella L, Jørgensen HF, Pereira CF, Leleu M, Piccolo FM, Spivakov M, Brookes E, Pombo A, Fisher C, Skarnes WC, Snoek T, Bezstarosti K, Demmers J, Klose RJ, Casanova M, Tavares L, Brockdorff N, Merkenschlager M, Fisher AG.</data>

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<data key="d5">Geng LN, Yao Z, Snider L, Fong AP, Cech JN, Young JM, van der Maarel SM, Ruzzo WL, Gentleman RC, Tawil R, Tapscott SJ.</data>

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<data key="d5">Chowdhury F, Li Y, Poh YC, Yokohama-Tamaki T, Wang N, Tanaka TS.</data>

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<data key="d5">Carette JE, Raaben M, Wong AC, Herbert AS, Obernosterer G, Mulherkar N, Kuehne AI, Kranzusch PJ, Griffin AM, Ruthel G, Dal Cin P, Dye JM, Whelan SP, Chandran K, Brummelkamp TR.</data>

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<data key="d5">Yu P, Pan G, Yu J, Thomson JA.</data>

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<data key="d7">2015</data>

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<data key="d5">Farcas AM, Blackledge NP, Sudbery I, Long HK, McGouran JF, Rose NR, Lee S, Sims D, Cerase A, Sheahan TW, Koseki H, Brockdorff N, Ponting CP, Kessler BM, Klose RJ.</data>

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<data key="d5">Barlow DP.</data>

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<data key="d5">Pereira JD, Sansom SN, Smith J, Dobenecker MW, Tarakhovsky A, Livesey FJ.</data>

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<data key="d5">Hashimoto H, Liu Y, Upadhyay AK, Chang Y, Howerton SB, Vertino PM, Zhang X, Cheng X.</data>

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<data key="d5">Mali P, Chou BK, Yen J, Ye Z, Zou J, Dowey S, Brodsky RA, Ohm JE, Yu W, Baylin SB, Yusa K, Bradley A, Meyers DJ, Mukherjee C, Cole PA, Cheng L.</data>

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<data key="d5">Park SY, Park J, Sim SH, Sung MG, Kim KS, Hong BH, Hong S.</data>

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<data key="d5">Castro DS, Martynoga B, Parras C, Ramesh V, Pacary E, Johnston C, Drechsel D, Lebel-Potter M, Garcia LG, Hunt C, Dolle D, Bithell A, Ettwiller L, Buckley N, Guillemot F.</data>

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<data key="d5">Li W, Sun W, Zhang Y, Wei W, Ambasudhan R, Xia P, Talantova M, Lin T, Kim J, Wang X, Kim WR, Lipton SA, Zhang K, Ding S.</data>

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<data key="d5">Leblond CS, Heinrich J, Delorme R, Proepper C, Betancur C, Huguet G, Konyukh M, Chaste P, Ey E, Rastam M, Anckarsäter H, Nygren G, Gillberg IC, Melke J, Toro R, Regnault B, Fauchereau F, Mercati O, Lemière N, Skuse D, Poot M, Holt R, Monaco AP, Järvelä I, Kantojärvi K, Vanhala R, Curran S, Collier DA, Bolton P, Chiocchetti A, Klauck SM, Poustka F, Freitag CM, Waltes R, Kopp M, Duketis E, Bacchelli E, Minopoli F, Ruta L, Battaglia A, Mazzone L, Maestrini E, Sequeira AF, Oliveira B, Vicente A, Oliveira G, Pinto D, Scherer SW, Zelenika D, Delepine M, Lathrop M, Bonneau D, Guinchat V, Devillard F, Assouline B, Mouren MC, Leboyer M, Gillberg C, Boeckers TM, Bourgeron T.</data>

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<data key="d5">Macintyre AN, Gerriets VA, Nichols AG, Michalek RD, Rudolph MC, Deoliveira D, Anderson SM, Abel ED, Chen BJ, Hale LP, Rathmell JC.</data>

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<data key="d5">Nakaya M, Xiao Y, Zhou X, Chang JH, Chang M, Cheng X, Blonska M, Lin X, Sun SC.</data>

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<data key="d5">Lee YJ, Holzapfel KL, Zhu J, Jameson SC, Hogquist KA.</data>

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<data key="d5">Groom JR, Richmond J, Murooka TT, Sorensen EW, Sung JH, Bankert K, von Andrian UH, Moon JJ, Mempel TR, Luster AD.</data>

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<data key="d5">Shi LZ, Wang R, Huang G, Vogel P, Neale G, Green DR, Chi H.</data>

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<data key="d5">Eto D, Lao C, DiToro D, Barnett B, Escobar TC, Kageyama R, Yusuf I, Crotty S.</data>

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<data key="d5">Ulitsky I, Shkumatava A, Jan CH, Subtelny AO, Koppstein D, Bell GW, Sive H, Bartel DP.</data>

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<data key="d5">Wang YH, Voo KS, Liu B, Chen CY, Uygungil B, Spoede W, Bernstein JA, Huston DP, Liu YJ.</data>

<data key="d6">J Exp Med</data>

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<data key="d5">Mossadegh-Keller N, Sarrazin S, Kandalla PK, Espinosa L, Stanley ER, Nutt SL, Moore J, Sieweke MH.</data>

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<data key="d5">Iliopoulos D, Lindahl-Allen M, Polytarchou C, Hirsch HA, Tsichlis PN, Struhl K.</data>

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<data key="d5">Saha K, Jaenisch R.</data>

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<data key="d5">Gobaa S, Hoehnel S, Roccio M, Negro A, Kobel S, Lutolf MP.</data>

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<data key="d5">Muñoz J, Stange DE, Schepers AG, van de Wetering M, Koo BK, Itzkovitz S, Volckmann R, Kung KS, Koster J, Radulescu S, Myant K, Versteeg R, Sansom OJ, van Es JH, Barker N, van Oudenaarden A, Mohammed S, Heck AJ, Clevers H.</data>

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<data key="d5">Eichhorn PJ, Rodón L, Gonzàlez-Juncà A, Dirac A, Gili M, Martínez-Sáez E, Aura C, Barba I, Peg V, Prat A, Cuartas I, Jimenez J, García-Dorado D, Sahuquillo J, Bernards R, Baselga J, Seoane J.</data>

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<data key="d4">TGF-β Receptor Inhibitors Target the CD44(high)/Id1(high) Glioma-Initiating Cell Population in Human Glioblastoma.</data>

<data key="d5">Anido J, Sáez-Borderías A, Gonzàlez-Juncà A, Rodón L, Folch G, Carmona MA, Prieto-Sánchez RM, Barba I, Martínez-Sáez E, Prudkin L, Cuartas I, Raventós C, Martínez-Ricarte F, Poca MA, García-Dorado D, Lahn MM, Yingling JM, Rodón J, Sahuquillo J, Baselga J, Seoane J.</data>

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<data key="d5">Meulmeester E, Ten Dijke P.</data>

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<data key="d5">Ikushima H, Miyazono K.</data>

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<data key="d4">Genome-wide DNA methylation analysis of human pancreatic islets from type 2 diabetic and non-diabetic donors identifies candidate genes that influence insulin secretion.</data>

<data key="d5">Dayeh T, Volkov P, Salö S, Hall E, Nilsson E, Olsson AH, Kirkpatrick CL, Wollheim CB, Eliasson L, Rönn T, Bacos K, Ling C.</data>

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<data key="d4">Minfi: a flexible and comprehensive Bioconductor package for the analysis of Infinium DNA methylation microarrays.</data>

<data key="d5">Aryee MJ, Jaffe AE, Corrada-Bravo H, Ladd-Acosta C, Feinberg AP, Hansen KD, Irizarry RA.</data>

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<data key="d4">Global analysis of DNA methylation variation in adipose tissue from twins reveals links to disease-associated variants in distal regulatory elements.</data>

<data key="d5">Grundberg E, Meduri E, Sandling JK, Hedman AK, Keildson S, Buil A, Busche S, Yuan W, Nisbet J, Sekowska M, Wilk A, Barrett A, Small KS, Ge B, Caron M, Shin SY, Multiple Tissue Human Expression Resource Consortium, Lathrop M, Dermitzakis ET, McCarthy MI, Spector TD, Bell JT, Deloukas P.</data>

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<data key="d4">Additional annotation enhances potential for biologically-relevant analysis of the Illumina Infinium HumanMethylation450 BeadChip array.</data>

<data key="d5">Price ME, Cotton AM, Lam LL, Farré P, Emberly E, Brown CJ, Robinson WP, Kobor MS.</data>

<data key="d6">Epigenetics Chromatin</data>

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<data key="d4">A cell epigenotype specific model for the correction of brain cellular heterogeneity bias and its application to age, brain region and major depression.</data>

<data key="d5">Guintivano J, Aryee MJ, Kaminsky ZA.</data>

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<data key="d5">Akalin A, Kormaksson M, Li S, Garrett-Bakelman FE, Figueroa ME, Melnick A, Mason CE.</data>

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<data key="d4">Neonatal DNA methylation profile in human twins is specified by a complex interplay between intrauterine environmental and genetic factors, subject to tissue-specific influence.</data>

<data key="d5">Gordon L, Joo JE, Powell JE, Ollikainen M, Novakovic B, Li X, Andronikos R, Cruickshank MN, Conneely KN, Smith AK, Alisch RS, Morley R, Visscher PM, Craig JM, Saffery R.</data>

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<data key="d4">Functional annotation of the human brain methylome identifies tissue-specific epigenetic variation across brain and blood.</data>

<data key="d5">Davies MN, Volta M, Pidsley R, Lunnon K, Dixit A, Lovestone S, Coarfa C, Harris RA, Milosavljevic A, Troakes C, Al-Sarraj S, Dobson R, Schalkwyk LC, Mill J.</data>

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<data key="d4">DNA methylation arrays as surrogate measures of cell mixture distribution.</data>

<data key="d5">Houseman EA, Accomando WP, Koestler DC, Christensen BC, Marsit CJ, Nelson HH, Wiencke JK, Kelsey KT.</data>

<data key="d6">BMC Bioinformatics</data>

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<data key="d4">DNA methylation profiling identifies epigenetic dysregulation in pancreatic islets from type 2 diabetic patients.</data>

<data key="d5">Volkmar M, Dedeurwaerder S, Cunha DA, Ndlovu MN, Defrance M, Deplus R, Calonne E, Volkmar U, Igoillo-Esteve M, Naamane N, Del Guerra S, Masini M, Bugliani M, Marchetti P, Cnop M, Eizirik DL, Fuks F.</data>

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<data key="d5">Lao VV, Grady WM.</data>

<data key="d6">Nat Rev Gastroenterol Hepatol</data>

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<data key="d5">Baylin SB, Jones PA.</data>

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<data key="d4">Sperm methylation profiles reveal features of epigenetic inheritance and evolution in primates.</data>

<data key="d5">Molaro A, Hodges E, Fang F, Song Q, McCombie WR, Hannon GJ, Smith AD.</data>

<data key="d6">Cell</data>

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<data key="d4">High density DNA methylation array with single CpG site resolution.</data>

<data key="d5">Bibikova M, Barnes B, Tsan C, Ho V, Klotzle B, Le JM, Delano D, Zhang L, Schroth GP, Gunderson KL, Fan JB, Shen R.</data>

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<data key="d5">Hansen KD, Timp W, Bravo HC, Sabunciyan S, Langmead B, McDonald OG, Wen B, Wu H, Liu Y, Diep D, Briem E, Zhang K, Irizarry RA, Feinberg AP.</data>

<data key="d6">Nat Genet</data>

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<data key="d4">Cell type-specific DNA methylation at intragenic CpG islands in the immune system.</data>

<data key="d5">Deaton AM, Webb S, Kerr AR, Illingworth RS, Guy J, Andrews R, Bird A.</data>

<data key="d6">Genome Res</data>

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<data key="d4">A DNA methylation fingerprint of 1628 human samples.</data>

<data key="d5">Fernandez AF, Assenov Y, Martin-Subero JI, Balint B, Siebert R, Taniguchi H, Yamamoto H, Hidalgo M, Tan AC, Galm O, Ferrer I, Sanchez-Cespedes M, Villanueva A, Carmona J, Sanchez-Mut JV, Berdasco M, Moreno V, Capella G, Monk D, Ballestar E, Ropero S, Martinez R, Sanchez-Carbayo M, Prosper F, Agirre X, Fraga MF, Graña O, Perez-Jurado L, Mora J, Puig S, Prat J, Badimon L, Puca AA, Meltzer SJ, Lengauer T, Bridgewater J, Bock C, Esteller M.</data>

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<data key="d5">Bell JT, Spector TD.</data>

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<data key="d4">The DNA methylome of human peripheral blood mononuclear cells.</data>

<data key="d5">Li Y, Zhu J, Tian G, Li N, Li Q, Ye M, Zheng H, Yu J, Wu H, Sun J, Zhang H, Chen Q, Luo R, Chen M, He Y, Jin X, Zhang Q, Yu C, Zhou G, Sun J, Huang Y, Zheng H, Cao H, Zhou X, Guo S, Hu X, Li X, Kristiansen K, Bolund L, Xu J, Wang W, Yang H, Wang J, Li R, Beck S, Wang J, Zhang X.</data>

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<data key="d4">Large intergenic non-coding RNA-RoR modulates reprogramming of human induced pluripotent stem cells.</data>

<data key="d5">Loewer S, Cabili MN, Guttman M, Loh YH, Thomas K, Park IH, Garber M, Curran M, Onder T, Agarwal S, Manos PD, Datta S, Lander ES, Schlaeger TM, Daley GQ, Rinn JL.</data>

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<data key="d4">Comprehensive methylome map of lineage commitment from haematopoietic progenitors.</data>

<data key="d5">Ji H, Ehrlich LI, Seita J, Murakami P, Doi A, Lindau P, Lee H, Aryee MJ, Irizarry RA, Kim K, Rossi DJ, Inlay MA, Serwold T, Karsunky H, Ho L, Daley GQ, Weissman IL, Feinberg AP.</data>

<data key="d6">Nature</data>

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<data key="d4">Allele-specific methylation is prevalent and is contributed by CpG-SNPs in the human genome.</data>

<data key="d5">Shoemaker R, Deng J, Wang W, Zhang K.</data>

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<data key="d4">Hemangioblastic derivatives from human induced pluripotent stem cells exhibit limited expansion and early senescence.</data>

<data key="d5">Feng Q, Lu SJ, Klimanskaya I, Gomes I, Kim D, Chung Y, Honig GR, Kim KS, Lanza R.</data>

<data key="d6">Stem Cells</data>

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<data key="d4">ASXL1 mutations promote myeloid transformation through loss of PRC2-mediated gene repression.</data>

<data key="d5">Abdel-Wahab O, Adli M, LaFave LM, Gao J, Hricik T, Shih AH, Pandey S, Patel JP, Chung YR, Koche R, Perna F, Zhao X, Taylor JE, Park CY, Carroll M, Melnick A, Nimer SD, Jaffe JD, Aifantis I, Bernstein BE, Levine RL.</data>

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<data key="d5">Spizzo R, Almeida MI, Colombatti A, Calin GA.</data>

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<data key="d5">Lai AY, Wade PA.</data>

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<data key="d5">Guo BH, Feng Y, Zhang R, Xu LH, Li MZ, Kung HF, Song LB, Zeng MS.</data>

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<data key="d5">Chi P, Allis CD, Wang GG.</data>

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<data key="d5">Kuo TC, Chen CT, Baron D, Onder TT, Loewer S, Almeida S, Weismann CM, Xu P, Houghton JM, Gao FB, Daley GQ, Doxsey S.</data>

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<data key="d5">Wang D, Bodovitz S.</data>

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<data key="d4">Non-small-cell lung cancers: a heterogeneous set of diseases.</data>

<data key="d5">Chen Z, Fillmore CM, Hammerman PS, Kim CF, Wong KK.</data>

<data key="d6">Nat Rev Cancer</data>

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<data key="d4">Genomic and molecular characterization of esophageal squamous cell carcinoma.</data>

<data key="d5">Lin DC, Hao JJ, Nagata Y, Xu L, Shang L, Meng X, Sato Y, Okuno Y, Varela AM, Ding LW, Garg M, Liu LZ, Yang H, Yin D, Shi ZZ, Jiang YY, Gu WY, Gong T, Zhang Y, Xu X, Kalid O, Shacham S, Ogawa S, Wang MR, Koeffler HP.</data>

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<data key="d4">New targetable oncogenes in non-small-cell lung cancer.</data>

<data key="d5">Oxnard GR, Binder A, Jänne PA.</data>

<data key="d6">J Clin Oncol</data>

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<data key="d4">Integrative genome analyses identify key somatic driver mutations of small-cell lung cancer.</data>

<data key="d5">Peifer M, Fernández-Cuesta L, Sos ML, George J, Seidel D, Kasper LH, Plenker D, Leenders F, Sun R, Zander T, Menon R, Koker M, Dahmen I, Müller C, Di Cerbo V, Schildhaus HU, Altmüller J, Baessmann I, Becker C, de Wilde B, Vandesompele J, Böhm D, Ansén S, Gabler F, Wilkening I, Heynck S, Heuckmann JM, Lu X, Carter SL, Cibulskis K, Banerji S, Getz G, Park KS, Rauh D, Grütter C, Fischer M, Pasqualucci L, Wright G, Wainer Z, Russell P, Petersen I, Chen Y, Stoelben E, Ludwig C, Schnabel P, Hoffmann H, Muley T, Brockmann M, Engel-Riedel W, Muscarella LA, Fazio VM, Groen H, Timens W, Sietsma H, Thunnissen E, Smit E, Heideman DA, Snijders PJ, Cappuzzo F, Ligorio C, Damiani S, Field J, Solberg S, Brustugun OT, Lund-Iversen M, Sänger J, Clement JH, Soltermann A, Moch H, Weder W, Solomon B, Soria JC, Validire P, Besse B, Brambilla E, Brambilla C, Lantuejoul S, Lorimier P, Schneider PM, Hallek M, Pao W, Meyerson M, Sage J, Shendure J, Schneider R, Büttner R, Wolf J, Nürnberg P, Perner S, Heukamp LC, Brindle PK, Haas S, Thomas RK.</data>

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<data key="d4">Gastrointestinal adenocarcinomas of the esophagus, stomach, and colon exhibit distinct patterns of genome instability and oncogenesis.</data>

<data key="d5">Dulak AM, Schumacher SE, van Lieshout J, Imamura Y, Fox C, Shim B, Ramos AH, Saksena G, Baca SC, Baselga J, Tabernero J, Barretina J, Enzinger PC, Corso G, Roviello F, Lin L, Bandla S, Luketich JD, Pennathur A, Meyerson M, Ogino S, Shivdasani RA, Beer DG, Godfrey TE, Beroukhim R, Bass AJ.</data>

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<data key="d4">A comprehensive survey of genomic alterations in gastric cancer reveals systematic patterns of molecular exclusivity and co-occurrence among distinct therapeutic targets.</data>

<data key="d5">Deng N, Goh LK, Wang H, Das K, Tao J, Tan IB, Zhang S, Lee M, Wu J, Lim KH, Lei Z, Goh G, Lim QY, Tan AL, Sin Poh DY, Riahi S, Bell S, Shi MM, Linnartz R, Zhu F, Yeoh KG, Toh HC, Yong WP, Cheong HC, Rha SY, Boussioutas A, Grabsch H, Rozen S, Tan P.</data>

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<data key="d4">Genomic sequencing of colorectal adenocarcinomas identifies a recurrent VTI1A-TCF7L2 fusion.</data>

<data key="d5">Bass AJ, Lawrence MS, Brace LE, Ramos AH, Drier Y, Cibulskis K, Sougnez C, Voet D, Saksena G, Sivachenko A, Jing R, Parkin M, Pugh T, Verhaak RG, Stransky N, Boutin AT, Barretina J, Solit DB, Vakiani E, Shao W, Mishina Y, Warmuth M, Jimenez J, Chiang DY, Signoretti S, Kaelin WG, Spardy N, Hahn WC, Hoshida Y, Ogino S, DePinho RA, Chin L, Garraway LA, Fuchs CS, Baselga J, Tabernero J, Gabriel S, Lander ES, Getz G, Meyerson M.</data>

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<data key="d4">Systematic investigation of genetic vulnerabilities across cancer cell lines reveals lineage-specific dependencies in ovarian cancer.</data>

<data key="d5">Cheung HW, Cowley GS, Weir BA, Boehm JS, Rusin S, Scott JA, East A, Ali LD, Lizotte PH, Wong TC, Jiang G, Hsiao J, Mermel CH, Getz G, Barretina J, Gopal S, Tamayo P, Gould J, Tsherniak A, Stransky N, Luo B, Ren Y, Drapkin R, Bhatia SN, Mesirov JP, Garraway LA, Meyerson M, Lander ES, Root DE, Hahn WC.</data>

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<data key="d4">Fibroblast growth factors and their receptors in cancer.</data>

<data key="d5">Wesche J, Haglund K, Haugsten EM.</data>

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<data key="d7">2011</data>

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<data key="d4">Inhibitor-sensitive FGFR1 amplification in human non-small cell lung cancer.</data>

<data key="d5">Dutt A, Ramos AH, Hammerman PS, Mermel C, Cho J, Sharifnia T, Chande A, Tanaka KE, Stransky N, Greulich H, Gray NS, Meyerson M.</data>

<data key="d6">PLoS One</data>

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<data key="d4">Mutations in the DDR2 kinase gene identify a novel therapeutic target in squamous cell lung cancer.</data>

<data key="d5">Hammerman PS, Sos ML, Ramos AH, Xu C, Dutt A, Zhou W, Brace LE, Woods BA, Lin W, Zhang J, Deng X, Lim SM, Heynck S, Peifer M, Simard JR, Lawrence MS, Onofrio RC, Salvesen HB, Seidel D, Zander T, Heuckmann JM, Soltermann A, Moch H, Koker M, Leenders F, Gabler F, Querings S, Ansén S, Brambilla E, Brambilla C, Lorimier P, Brustugun OT, Helland A, Petersen I, Clement JH, Groen H, Timens W, Sietsma H, Stoelben E, Wolf J, Beer DG, Tsao MS, Hanna M, Hatton C, Eck MJ, Janne PA, Johnson BE, Winckler W, Greulich H, Bass AJ, Cho J, Rauh D, Gray NS, Wong KK, Haura EB, Thomas RK, Meyerson M.</data>

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<data key="d4">Immunohistochemical algorithm for differentiation of lung adenocarcinoma and squamous cell carcinoma based on large series of whole-tissue sections with validation in small specimens.</data>

<data key="d5">Rekhtman N, Ang DC, Sima CS, Travis WD, Moreira AL.</data>

<data key="d6">Mod Pathol</data>

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<data key="d4">GISTIC2.0 facilitates sensitive and confident localization of the targets of focal somatic copy-number alteration in human cancers.</data>

<data key="d5">Mermel CH, Schumacher SE, Hill B, Meyerson ML, Beroukhim R, Getz G.</data>

<data key="d6">Genome Biol</data>

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<data key="d4">Making sense of cancer genomic data.</data>

<data key="d5">Chin L, Hahn WC, Getz G, Meyerson M.</data>

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<data key="d4">Frequent and focal FGFR1 amplification associates with therapeutically tractable FGFR1 dependency in squamous cell lung cancer.</data>

<data key="d5">Weiss J, Sos ML, Seidel D, Peifer M, Zander T, Heuckmann JM, Ullrich RT, Menon R, Maier S, Soltermann A, Moch H, Wagener P, Fischer F, Heynck S, Koker M, Schöttle J, Leenders F, Gabler F, Dabow I, Querings S, Heukamp LC, Balke-Want H, Ansén S, Rauh D, Baessmann I, Altmüller J, Wainer Z, Conron M, Wright G, Russell P, Solomon B, Brambilla E, Brambilla C, Lorimier P, Sollberg S, Brustugun OT, Engel-Riedel W, Ludwig C, Petersen I, Sänger J, Clement J, Groen H, Timens W, Sietsma H, Thunnissen E, Smit E, Heideman D, Cappuzzo F, Ligorio C, Damiani S, Hallek M, Beroukhim R, Pao W, Klebl B, Baumann M, Buettner R, Ernestus K, Stoelben E, Wolf J, Nürnberg P, Perner S, Thomas RK.</data>

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<data key="d4">EWS-FLI-1 modulates miRNA145 and SOX2 expression to initiate mesenchymal stem cell reprogramming toward Ewing sarcoma cancer stem cells.</data>

<data key="d5">Riggi N, Suvà ML, De Vito C, Provero P, Stehle JC, Baumer K, Cironi L, Janiszewska M, Petricevic T, Suvà D, Tercier S, Joseph JM, Guillou L, Stamenkovic I.</data>

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<data key="d5">Visvader JE, Lindeman GJ.</data>

<data key="d6">Cell Stem Cell</data>

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<data key="d4">Radiation-induced reprogramming of breast cancer cells.</data>

<data key="d5">Lagadec C, Vlashi E, Della Donna L, Dekmezian C, Pajonk F.</data>

<data key="d6">Stem Cells</data>

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<data key="d4">Antiangiogenic agents increase breast cancer stem cells via the generation of tumor hypoxia.</data>

<data key="d5">Conley SJ, Gheordunescu E, Kakarala P, Newman B, Korkaya H, Heath AN, Clouthier SG, Wicha MS.</data>

<data key="d6">Proc Natl Acad Sci U S A</data>

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<data key="d4">Nodal/Activin signaling drives self-renewal and tumorigenicity of pancreatic cancer stem cells and provides a target for combined drug therapy.</data>

<data key="d5">Lonardo E, Hermann PC, Mueller MT, Huber S, Balic A, Miranda-Lorenzo I, Zagorac S, Alcala S, Rodriguez-Arabaolaza I, Ramirez JC, Torres-Ruíz R, Garcia E, Hidalgo M, Cebrián DÁ, Heuchel R, Löhr M, Berger F, Bartenstein P, Aicher A, Heeschen C.</data>

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<data key="d4">The hypoxia-associated factor switches cells from HIF-1α- to HIF-2α-dependent signaling promoting stem cell characteristics, aggressive tumor growth and invasion.</data>

<data key="d5">Koh MY, Lemos R, Liu X, Powis G.</data>

<data key="d6">Cancer Res</data>

<data key="d7">2011</data>

<data key="d8">71</data>

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<data key="d4">Roles of the Raf/MEK/ERK and PI3K/PTEN/Akt/mTOR pathways in controlling growth and sensitivity to therapy-implications for cancer and aging.</data>

<data key="d5">Steelman LS, Chappell WH, Abrams SL, Kempf RC, Long J, Laidler P, Mijatovic S, Maksimovic-Ivanic D, Stivala F, Mazzarino MC, Donia M, Fagone P, Malaponte G, Nicoletti F, Libra M, Milella M, Tafuri A, Bonati A, Bäsecke J, Cocco L, Evangelisti C, Martelli AM, Montalto G, Cervello M, McCubrey JA.</data>

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<data key="d4">Ras/Raf/MEK/ERK and PI3K/PTEN/Akt/mTOR inhibitors: rationale and importance to inhibiting these pathways in human health.</data>

<data key="d5">Chappell WH, Steelman LS, Long JM, Kempf RC, Abrams SL, Franklin RA, Bäsecke J, Stivala F, Donia M, Fagone P, Malaponte G, Mazzarino MC, Nicoletti F, Libra M, Maksimovic-Ivanic D, Mijatovic S, Montalto G, Cervello M, Laidler P, Milella M, Tafuri A, Bonati A, Evangelisti C, Cocco L, Martelli AM, McCubrey JA.</data>

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<data key="d5">Hjelmeland AB, Wu Q, Heddleston JM, Choudhary GS, MacSwords J, Lathia JD, McLendon R, Lindner D, Sloan A, Rich JN.</data>

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<data key="d5">Yi F, Pereira L, Hoffman JA, Shy BR, Yuen CM, Liu DR, Merrill BJ.</data>

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<data key="d5">Hu BY, Weick JP, Yu J, Ma LX, Zhang XQ, Thomson JA, Zhang SC.</data>

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<data key="d5">Bourguignon LY, Earle C, Wong G, Spevak CC, Krueger K.</data>

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<data key="d5">Kruiswijk F, Labuschagne CF, Vousden KH.</data>

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<data key="d5">Rivlin N, Brosh R, Oren M, Rotter V.</data>

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<data key="d5">Yang L, Besschetnova TY, Brooks CR, Shah JV, Bonventre JV.</data>

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<data key="d5">Palacios JA, Herranz D, De Bonis ML, Velasco S, Serrano M, Blasco MA.</data>

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<data key="d5">Rayess H, Wang MB, Srivatsan ES.</data>

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<data key="d5">Blasco RB, Francoz S, Santamaría D, Cañamero M, Dubus P, Charron J, Baccarini M, Barbacid M.</data>

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<data key="d5">Tsai CC, Chen YJ, Yew TL, Chen LL, Wang JY, Chiu CH, Hung SC.</data>

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<data key="d5">Wade M, Wang YV, Wahl GM.</data>

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<data key="d5">Cheng AW, Wang H, Yang H, Shi L, Katz Y, Theunissen TW, Rangarajan S, Shivalila CS, Dadon DB, Jaenisch R.</data>

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<data key="d5">Miyanari Y, Torres-Padilla ME.</data>

<data key="d6">Nature</data>

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<data key="d5">Guttman M, Donaghey J, Carey BW, Garber M, Grenier JK, Munson G, Young G, Lucas AB, Ach R, Bruhn L, Yang X, Amit I, Meissner A, Regev A, Rinn JL, Root DE, Lander ES.</data>

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<data key="d5">Lee TK, Castilho A, Cheung VC, Tang KH, Ma S, Ng IO.</data>

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<data key="d5">Lee ST, White AJ, Matsushita S, Malliaras K, Steenbergen C, Zhang Y, Li TS, Terrovitis J, Yee K, Simsir S, Makkar R, Marbán E.</data>

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<data key="d5">Probst AV, Okamoto I, Casanova M, El Marjou F, Le Baccon P, Almouzni G.</data>

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<data key="d5">Rugg-Gunn PJ, Cox BJ, Ralston A, Rossant J.</data>

<data key="d6">Proc Natl Acad Sci U S A</data>

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<data key="d4">MicroRNA function is globally suppressed in mouse oocytes and early embryos.</data>

<data key="d5">Suh N, Baehner L, Moltzahn F, Melton C, Shenoy A, Chen J, Blelloch R.</data>

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<data key="d5">Kirkeby A, Grealish S, Wolf DA, Nelander J, Wood J, Lundblad M, Lindvall O, Parmar M.</data>

<data key="d6">Cell Rep</data>

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<data key="d5">Ren G, Chen X, Dong F, Li W, Ren X, Zhang Y, Shi Y.</data>

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<data key="d5">Baca SC, Prandi D, Lawrence MS, Mosquera JM, Romanel A, Romanel A, Drier Y, Park K, Kitabayashi N, MacDonald TY, Ghandi M, Van Allen E, Kryukov GV, Sboner A, Theurillat JP, Soong TD, Nickerson E, Auclair D, Tewari A, Beltran H, Onofrio RC, Boysen G, Guiducci C, Barbieri CE, Cibulskis K, Sivachenko A, Carter SL, Saksena G, Voet D, Ramos AH, Winckler W, Cipicchio M, Ardlie K, Kantoff PW, Berger MF, Gabriel SB, Golub TR, Meyerson M, Lander ES, Elemento O, Getz G, Demichelis F, Rubin MA, Garraway LA.</data>

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<data key="d5">Schuettengruber B, Martinez AM, Iovino N, Cavalli G.</data>

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<data key="d5">Berger MF, Lawrence MS, Demichelis F, Drier Y, Cibulskis K, Sivachenko AY, Sboner A, Esgueva R, Pflueger D, Sougnez C, Onofrio R, Carter SL, Park K, Habegger L, Ambrogio L, Fennell T, Parkin M, Saksena G, Voet D, Ramos AH, Pugh TJ, Wilkinson J, Fisher S, Winckler W, Mahan S, Ardlie K, Baldwin J, Simons JW, Kitabayashi N, MacDonald TY, Kantoff PW, Chin L, Gabriel SB, Gerstein MB, Golub TR, Meyerson M, Tewari A, Lander ES, Getz G, Rubin MA, Garraway LA.</data>

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<data key="d5">Goldberg AD, Banaszynski LA, Noh KM, Lewis PW, Elsaesser SJ, Stadler S, Dewell S, Law M, Guo X, Li X, Wen D, Chapgier A, DeKelver RC, Miller JC, Lee YL, Boydston EA, Holmes MC, Gregory PD, Greally JM, Rafii S, Yang C, Scambler PJ, Garrick D, Gibbons RJ, Higgs DR, Cristea IM, Urnov FD, Zheng D, Allis CD.</data>

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<data key="d5">Ingolia NT, Lareau LF, Weissman JS.</data>

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<data key="d5">Hu Z, Wu C, Shi Y, Guo H, Zhao X, Yin Z, Yang L, Dai J, Hu L, Tan W, Li Z, Deng Q, Wang J, Wu W, Jin G, Jiang Y, Yu D, Zhou G, Chen H, Guan P, Chen Y, Shu Y, Xu L, Liu X, Liu L, Xu P, Han B, Bai C, Zhao Y, Zhang H, Yan Y, Ma H, Chen J, Chu M, Lu F, Zhang Z, Chen F, Wang X, Jin L, Lu J, Zhou B, Lu D, Wu T, Lin D, Shen H.</data>

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<data key="d4">Dynamic changes in the copy number of pluripotency and cell proliferation genes in human ESCs and iPSCs during reprogramming and time in culture.</data>

<data key="d5">Laurent LC, Ulitsky I, Slavin I, Tran H, Schork A, Morey R, Lynch C, Harness JV, Lee S, Barrero MJ, Ku S, Martynova M, Semechkin R, Galat V, Gottesfeld J, Izpisua Belmonte JC, Murry C, Keirstead HS, Park HS, Schmidt U, Laslett AL, Muller FJ, Nievergelt CM, Shamir R, Loring JF.</data>

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<data key="d5">Swistowski A, Peng J, Liu Q, Mali P, Rao MS, Cheng L, Zeng X.</data>

<data key="d6">Stem Cells</data>

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<data key="d5">Pati F, Jang J, Ha DH, Won Kim S, Rhie JW, Shim JH, Kim DH, Cho DW.</data>

<data key="d6">Nat Commun</data>

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<data key="d4">Mechanical memory and dosing influence stem cell fate.</data>

<data key="d5">Yang C, Tibbitt MW, Basta L, Anseth KS.</data>

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<data key="d4">Degradation-mediated cellular traction directs stem cell fate in covalently crosslinked three-dimensional hydrogels.</data>

<data key="d5">Khetan S, Guvendiren M, Legant WR, Cohen DM, Chen CS, Burdick JA.</data>

<data key="d6">Nat Mater</data>

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<data key="d5">Zhang J, Klos M, Wilson GF, Herman AM, Lian X, Raval KK, Barron MR, Hou L, Soerens AG, Yu J, Palecek SP, Lyons GE, Thomson JA, Herron TJ, Jalife J, Kamp TJ.</data>

<data key="d6">Circ Res</data>

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<data key="d5">Tseng Q, Duchemin-Pelletier E, Deshiere A, Balland M, Guillou H, Filhol O, Théry M.</data>

<data key="d6">Proc Natl Acad Sci U S A</data>

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<data key="d5">Lee KY, Mooney DJ.</data>

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<data key="d5">Li Y, Rodrigues J, Rodrigues J, Tomás H.</data>

<data key="d6">Chem Soc Rev</data>

<data key="d7">2012</data>

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<data key="d5">Prager-Khoutorsky M, Lichtenstein A, Krishnan R, Rajendran K, Mayo A, Kam Z, Geiger B, Bershadsky AD.</data>

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<data key="d5">McMurray RJ, Gadegaard N, Tsimbouri PM, Burgess KV, McNamara LE, Tare R, Murawski K, Kingham E, Oreffo RO, Dalby MJ.</data>

<data key="d6">Nat Mater</data>

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<data key="d4">Combinatorial development of biomaterials for clonal growth of human pluripotent stem cells.</data>

<data key="d5">Mei Y, Saha K, Bogatyrev SR, Yang J, Hook AL, Kalcioglu ZI, Cho SW, Mitalipova M, Pyzocha N, Rojas F, Van Vliet KJ, Davies MC, Alexander MR, Langer R, Jaenisch R, Anderson DG.</data>

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<data key="d4">Mechanical properties of cellularly responsive hydrogels and their experimental determination.</data>

<data key="d5">Kloxin AM, Kloxin CJ, Bowman CN, Anseth KS.</data>

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<data key="d4">Isolation of adipose-derived stem cells and their induction to a chondrogenic phenotype.</data>

<data key="d5">Estes BT, Diekman BO, Gimble JM, Guilak F.</data>

<data key="d6">Nat Protoc</data>

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<data key="d4">Engineering hydrogels as extracellular matrix mimics.</data>

<data key="d5">Geckil H, Xu F, Zhang X, Moon S, Demirci U.</data>

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<data key="d5">Davidson KC, Adams AM, Goodson JM, McDonald CE, Potter JC, Berndt JD, Biechele TL, Taylor RJ, Moon RT.</data>

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<data key="d5">Carpentier R, Suñer RE, van Hul N, Kopp JL, Beaudry JB, Cordi S, Antoniou A, Raynaud P, Lepreux S, Jacquemin P, Leclercq IA, Sander M, Lemaigre FP.</data>

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<data key="d5">Lu L, Li Y, Kim SM, Bossuyt W, Liu P, Qiu Q, Wang Y, Halder G, Finegold MJ, Lee JS, Johnson RL.</data>

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<data key="d5">Wray J, Kalkan T, Gomez-Lopez S, Eckardt D, Cook A, Kemler R, Smith A.</data>

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<data key="d5">Mátrai J, Chuah MK, VandenDriessche T.</data>

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<data key="d5">Wagner JR, Busche S, Ge B, Kwan T, Pastinen T, Blanchette M.</data>

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<data key="d4">Polymerase IV occupancy at RNA-directed DNA methylation sites requires SHH1.</data>

<data key="d5">Law JA, Du J, Hale CJ, Feng S, Krajewski K, Palanca AM, Strahl BD, Patel DJ, Jacobsen SE.</data>

<data key="d6">Nature</data>

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<data key="d5">Chouliaras L, Mastroeni D, Delvaux E, Grover A, Kenis G, Hof PR, Steinbusch HW, Coleman PD, Rutten BP, van den Hove DL.</data>

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<data key="d5">Viatte S, Plant D, Raychaudhuri S.</data>

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<data key="d5">Stroud H, Greenberg MV, Feng S, Bernatavichute YV, Jacobsen SE.</data>

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<data key="d5">Zhang TY, Labonté B, Wen XL, Turecki G, Meaney MJ.</data>

<data key="d6">Neuropsychopharmacology</data>

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<data key="d5">Talens RP, Christensen K, Putter H, Willemsen G, Christiansen L, Kremer D, Suchiman HE, Slagboom PE, Boomsma DI, Heijmans BT.</data>

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<data key="d5">Denis H, Ndlovu MN, Fuks F.</data>

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<data key="d5">Wu H, D'Alessio AC, Ito S, Wang Z, Cui K, Zhao K, Sun YE, Zhang Y.</data>

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<data key="d5">Du Z, Song J, Wang Y, Zhao Y, Guda K, Yang S, Kao HY, Xu Y, Willis J, Markowitz SD, Sedwick D, Ewing RM, Wang Z.</data>

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<data key="d5">Goodarzi AA, Jeggo P, Lobrich M.</data>

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<data key="d6">Proc Natl Acad Sci U S A</data>

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<data key="d5">Baranzini SE, Mudge J, van Velkinburgh JC, Khankhanian P, Khrebtukova I, Miller NA, Zhang L, Farmer AD, Bell CJ, Kim RW, May GD, Woodward JE, Caillier SJ, McElroy JP, Gomez R, Pando MJ, Clendenen LE, Ganusova EE, Schilkey FD, Ramaraj T, Khan OA, Huntley JJ, Luo S, Kwok PY, Wu TD, Schroth GP, Oksenberg JR, Hauser SL, Kingsmore SF, Kingsmore SF.</data>

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<data key="d5">Market-Velker BA, Zhang L, Magri LS, Bonvissuto AC, Mann MR.</data>

<data key="d6">Hum Mol Genet</data>

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<data key="d5">Xu Q, Liu LZ, Qian X, Chen Q, Jiang Y, Li D, Lai L, Jiang BH.</data>

<data key="d6">Nucleic Acids Res</data>

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<data key="d5">Yang B, Guo H, Zhang Y, Chen L, Ying D, Dong S.</data>

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<data key="d5">Zhang F, Cong L, Lodato S, Kosuri S, Church GM, Arlotta P.</data>

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<data key="d5">Sayed D, He M, Hong C, Gao S, Rane S, Yang Z, Abdellatif M.</data>

<data key="d6">J Biol Chem</data>

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<data key="d5">Albinsson S, Suarez Y, Skoura A, Offermanns S, Miano JM, Sessa WC.</data>

<data key="d6">Arterioscler Thromb Vasc Biol</data>

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<data key="d5">Godlewski J, Nowicki MO, Bronisz A, Nuovo G, Palatini J, De Lay M, Van Brocklyn J, Ostrowski MC, Chiocca EA, Lawler SE.</data>

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<data key="d5">Tian Y, Luo A, Cai Y, Su Q, Ding F, Chen H, Liu Z.</data>

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<data key="d5">Spizzo R, Nicoloso MS, Lupini L, Lu Y, Fogarty J, Rossi S, Zagatti B, Fabbri M, Veronese A, Liu X, Davuluri R, Croce CM, Mills G, Negrini M, Calin GA.</data>

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<data key="d4">MicroRNAs miR-143 and miR-145 modulate cytoskeletal dynamics and responsiveness of smooth muscle cells to injury.</data>

<data key="d5">Xin M, Small EM, Sutherland LB, Qi X, McAnally J, Plato CF, Richardson JA, Bassel-Duby R, Olson EN.</data>

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<data key="d5">Boettger T, Beetz N, Kostin S, Schneider J, Krüger M, Hein L, Braun T.</data>

<data key="d6">J Clin Invest</data>

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<data key="d5">Cordes KR, Sheehy NT, White MP, Berry EC, Morton SU, Muth AN, Lee TH, Miano JM, Ivey KN, Srivastava D.</data>

<data key="d6">Nature</data>

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<data key="d5">Zhang G, Tandon A.</data>

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<data key="d5">Kattman SJ, Witty AD, Gagliardi M, Dubois NC, Niapour M, Hotta A, Ellis J, Keller G.</data>

<data key="d6">Cell Stem Cell</data>

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<data key="d5">Sebat J, Levy DL, McCarthy SE.</data>

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<data key="d4">Vertical silicon nanowires as a universal platform for delivering biomolecules into living cells.</data>

<data key="d5">Shalek AK, Robinson JT, Karp ES, Lee JS, Ahn DR, Yoon MH, Sutton A, Jorgolli M, Gertner RS, Gujral TS, MacBeath G, Yang EG, Park H.</data>

<data key="d6">Proc Natl Acad Sci U S A</data>

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<data key="d5">Lin T, Ambasudhan R, Yuan X, Li W, Hilcove S, Abujarour R, Lin X, Hahm HS, Hao E, Hayek A, Ding S.</data>

<data key="d6">Nat Methods</data>

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<data key="d5">Kamao H, Mandai M, Okamoto S, Sakai N, Suga A, Sugita S, Kiryu J, Takahashi M.</data>

<data key="d6">Stem Cell Reports</data>

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<data key="d5">Lin CH, Jackson AL, Guo J, Linsley PS, Eisenman RN.</data>

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<data key="d4">DNA Methylation on N6-Adenine in C. elegans.</data>

<data key="d5">Greer EL, Blanco MA, Gu L, Sendinc E, Liu J, Aristizábal-Corrales D, Hsu CH, Aravind L, He C, Shi Y.</data>

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<data key="d5">Ashe A, Sapetschnig A, Weick EM, Mitchell J, Bagijn MP, Cording AC, Doebley AL, Goldstein LD, Lehrbach NJ, Le Pen J, Pintacuda G, Sakaguchi A, Sarkies P, Ahmed S, Miska EA.</data>

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<data key="d5">Brykczynska U, Hisano M, Erkek S, Ramos L, Oakeley EJ, Roloff TC, Beisel C, Schübeler D, Stadler MB, Peters AH.</data>

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<data key="d5">Krishnamurthy S, Dong Z, Vodopyanov D, Imai A, Helman JI, Prince ME, Wicha MS, Nör JE.</data>

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<data key="d5">Cannito S, Novo E, di Bonzo LV, Busletta C, Colombatto S, Parola M.</data>

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<data key="d5">Pick M, Stelzer Y, Bar-Nur O, Mayshar Y, Eden A, Benvenisty N.</data>

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<data key="d5">Sun N, Panetta NJ, Gupta DM, Wilson KD, Lee A, Jia F, Hu S, Cherry AM, Robbins RC, Longaker MT, Wu JC.</data>

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<data key="d5">Kadoch C, Hargreaves DC, Hodges C, Elias L, Ho L, Ranish J, Crabtree GR.</data>

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<data key="d5">Euskirchen GM, Auerbach RK, Davidov E, Gianoulis TA, Zhong G, Rozowsky J, Bhardwaj N, Gerstein MB, Snyder M.</data>

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<data key="d5">Wilson BG, Wang X, Shen X, McKenna ES, Lemieux ME, Cho YJ, Koellhoffer EC, Pomeroy SL, Orkin SH, Roberts CW.</data>

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<data key="d5">Ho L, Jothi R, Ronan JL, Cui K, Zhao K, Crabtree GR.</data>

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<data key="d5">Almeida S, Gascon E, Tran H, Chou HJ, Gendron TF, Degroot S, Tapper AR, Sellier C, Charlet-Berguerand N, Karydas A, Seeley WW, Boxer AL, Petrucelli L, Miller BL, Gao FB.</data>

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<data key="d5">Seibler P, Graziotto J, Jeong H, Simunovic F, Klein C, Krainc D.</data>

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<data key="d5">Nguyen HN, Byers B, Cord B, Shcheglovitov A, Byrne J, Gujar P, Kee K, Schüle B, Dolmetsch RE, Langston W, Palmer TD, Pera RR.</data>

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<data key="d5">Twine NA, Janitz K, Wilkins MR, Janitz M.</data>

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<data key="d5">Alipio Z, Liao W, Roemer EJ, Waner M, Fink LM, Ward DC, Ma Y.</data>

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<data key="d5">Chowdhury F, Na S, Li D, Poh YC, Tanaka TS, Wang F, Wang N.</data>

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<data key="d6">Nature</data>

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<data key="d5">Lippmann ES, Azarin SM, Kay JE, Nessler RA, Wilson HK, Al-Ahmad A, Palecek SP, Shusta EV.</data>

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<data key="d5">Zhao R, Nakamura T, Fu Y, Lazar Z, Spector DL.</data>

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<data key="d5">Sirbu BM, Couch FB, Feigerle JT, Bhaskara S, Hiebert SW, Cortez D.</data>

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<data key="d5">Jasencakova Z, Scharf AN, Ask K, Corpet A, Imhof A, Almouzni G, Groth A.</data>

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<data key="d5">Lal G, Bromberg JS.</data>

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<data key="d5">Daussy C, Faure F, Mayol K, Viel S, Gasteiger G, Charrier E, Bienvenu J, Henry T, Debien E, Hasan UA, Marvel J, Yoh K, Takahashi S, Prinz I, de Bernard S, Buffat L, Walzer T.</data>

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<data key="d5">Peng H, Jiang X, Chen Y, Sojka DK, Wei H, Gao X, Sun R, Yokoyama WM, Tian Z.</data>

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<data key="d4">The transcription factors T-bet and Eomes control key checkpoints of natural killer cell maturation.</data>

<data key="d5">Gordon SM, Chaix J, Rupp LJ, Wu J, Madera S, Sun JC, Lindsten T, Reiner SL.</data>

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<data key="d5">Sun JC, Lanier LL.</data>

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<data key="d5">Joncker NT, Shifrin N, Delebecque F, Raulet DH.</data>

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<data key="d5">Björkström NK, Riese P, Heuts F, Andersson S, Fauriat C, Ivarsson MA, Björklund AT, Flodström-Tullberg M, Michaëlsson J, Rottenberg ME, Guzmán CA, Ljunggren HG, Malmberg KJ.</data>

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<data key="d4">CD62L expression identifies a unique subset of polyfunctional CD56dim NK cells.</data>

<data key="d5">Juelke K, Killig M, Luetke-Eversloh M, Parente E, Gruen J, Morandi B, Ferlazzo G, Thiel A, Schmitt-Knosalla I, Romagnani C.</data>

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<data key="d4">IL-7 and IL-15 independently program the differentiation of intestinal CD3-NKp46+ cell subsets from Id2-dependent precursors.</data>

<data key="d5">Satoh-Takayama N, Lesjean-Pottier S, Vieira P, Sawa S, Eberl G, Vosshenrich CA, Di Santo JP.</data>

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<data key="d4">HIV-1 transcription and latency: an update.</data>

<data key="d5">Van Lint C, Bouchat S, Marcello A.</data>

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<data key="d5">Yang L, Xie G, Fan Q, Xie J.</data>

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<data key="d4">Human colon cancer epithelial cells harbour active HEDGEHOG-GLI signalling that is essential for tumour growth, recurrence, metastasis and stem cell survival and expansion.</data>

<data key="d5">Varnat F, Duquet A, Malerba M, Zbinden M, Mas C, Gervaz P, Ruiz i Altaba A.</data>

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<data key="d5">Lian X, Zhang J, Azarin SM, Zhu K, Hazeltine LB, Bao X, Hsiao C, Kamp TJ, Palecek SP.</data>

<data key="d6">Nat Protoc</data>

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<data key="d5">Mummery CL, Zhang J, Ng ES, Elliott DA, Elefanty AG, Kamp TJ.</data>

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<data key="d5">Sun N, Yazawa M, Liu J, Han L, Sanchez-Freire V, Abilez OJ, Navarrete EG, Hu S, Wang L, Lee A, Pavlovic A, Lin S, Chen R, Hajjar RJ, Snyder MP, Dolmetsch RE, Butte MJ, Ashley EA, Longaker MT, Robbins RC, Wu JC.</data>

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<data key="d5">Ma J, Guo L, Fiene SJ, Anson BD, Thomson JA, Kamp TJ, Kolaja KL, Swanson BJ, January CT.</data>

<data key="d6">Am J Physiol Heart Circ Physiol</data>

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<data key="d5">Tulloch NL, Muskheli V, Razumova MV, Korte FS, Regnier M, Hauch KD, Pabon L, Reinecke H, Murry CE.</data>

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<data key="d5">Force T, Kolaja KL.</data>

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<data key="d5">Zhu WZ, Xie Y, Moyes KW, Gold JD, Askari B, Laflamme MA.</data>

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<data key="d5">Pasquinelli AE.</data>

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<data key="d4">LIN28B promotes colon cancer progression and metastasis.</data>

<data key="d5">King CE, Cuatrecasas M, Castells A, Sepulveda AR, Lee JS, Rustgi AK.</data>

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<data key="d5">Kent OA, Chivukula RR, Mullendore M, Wentzel EA, Feldmann G, Lee KH, Liu S, Leach SD, Maitra A, Mendell JT.</data>

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<data key="d5">Liang L, Wong CM, Ying Q, Fan DN, Huang S, Ding J, Yao J, Yan M, Li J, Yao M, Ng IO, He X.</data>

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<data key="d5">Zhu H, Shah S, Shyh-Chang N, Shinoda G, Einhorn WS, Viswanathan SR, Takeuchi A, Grasemann C, Rinn JL, Lopez MF, Hirschhorn JN, Palmert MR, Daley GQ.</data>

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<data key="d5">Castellano L, Giamas G, Jacob J, Coombes RC, Lucchesi W, Thiruchelvam P, Barton G, Jiao LR, Wait R, Waxman J, Hannon GJ, Stebbing J.</data>

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<data key="d5">Heo I, Joo C, Kim YK, Ha M, Yoon MJ, Cho J, Yeom KH, Han J, Kim VN.</data>

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<data key="d5">West JA, Viswanathan SR, Yabuuchi A, Cunniff K, Takeuchi A, Park IH, Sero JE, Zhu H, Perez-Atayde A, Frazier AL, Surani MA, Daley GQ.</data>

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<data key="d5">Hajdin CE, Bellaousov S, Huggins W, Leonard CW, Mathews DH, Weeks KM.</data>

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<data key="d5">Heinz S, Benner C, Spann N, Bertolino E, Lin YC, Laslo P, Cheng JX, Murre C, Singh H, Glass CK.</data>

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<data key="d5">Schober M, Fuchs E.</data>

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<data key="d5">Zoncu R, Efeyan A, Sabatini DM.</data>

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<data key="d5">Lukacs RU, Memarzadeh S, Wu H, Witte ON.</data>

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<data key="d5">Han P, Li W, Lin CH, Yang J, Shang C, Nuernberg ST, Jin KK, Xu W, Lin CY, Lin CJ, Xiong Y, Chien H, Zhou B, Ashley E, Bernstein D, Chen PS, Chen HV, Quertermous T, Chang CP.</data>

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<data key="d5">Hung T, Wang Y, Lin MF, Koegel AK, Kotake Y, Grant GD, Horlings HM, Shah N, Umbricht C, Wang P, Wang Y, Kong B, Langerød A, Børresen-Dale AL, Kim SK, van de Vijver M, Sukumar S, Whitfield ML, Kellis M, Xiong Y, Wong DJ, Chang HY.</data>

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<data key="d4">Integrative epigenomic mapping defines four main chromatin states in Arabidopsis.</data>

<data key="d5">Roudier F, Ahmed I, Bérard C, Sarazin A, Mary-Huard T, Cortijo S, Bouyer D, Caillieux E, Duvernois-Berthet E, Al-Shikhley L, Giraut L, Després B, Drevensek S, Barneche F, Dèrozier S, Brunaud V, Aubourg S, Schnittger A, Bowler C, Martin-Magniette ML, Robin S, Caboche M, Colot V.</data>

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<data key="d5">Tsankov AM, Thompson DA, Socha A, Regev A, Rando OJ.</data>

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<data key="d5">Eaton ML, Galani K, Kang S, Bell SP, MacAlpine DM.</data>

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<data key="d5">Bedford DC, Kasper LH, Fukuyama T, Brindle PK.</data>

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<data key="d5">MacAlpine HK, Gordân R, Powell SK, Hartemink AJ, MacAlpine DM.</data>

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<data key="d5">Ryba T, Hiratani I, Lu J, Itoh M, Kulik M, Zhang J, Schulz TC, Robins AJ, Dalton S, Gilbert DM.</data>

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<data key="d5">Hiratani I, Ryba T, Itoh M, Rathjen J, Kulik M, Papp B, Fussner E, Bazett-Jones DP, Plath K, Dalton S, Rathjen PD, Gilbert DM.</data>

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<data key="d5">Poliseno L, Salmena L, Riccardi L, Fornari A, Song MS, Hobbs RM, Sportoletti P, Varmeh S, Egia A, Fedele G, Rameh L, Loda M, Pandolfi PP.</data>

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<data key="d4">Epigenetic repression of microRNA-129-2 leads to overexpression of SOX4 oncogene in endometrial cancer.</data>

<data key="d5">Huang YW, Liu JC, Deatherage DE, Luo J, Mutch DG, Goodfellow PJ, Miller DS, Huang TH.</data>

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<data key="d4">Transforming growth factor-β regulates the sphere-initiating stem cell-like feature in breast cancer through miRNA-181 and ATM.</data>

<data key="d5">Wang Y, Yu Y, Tsuyada A, Ren X, Wu X, Stubblefield K, Rankin-Gee EK, Wang SE.</data>

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<data key="d5">Gao S, Alarcón C, Sapkota G, Rahman S, Chen PY, Goerner N, Macias MJ, Erdjument-Bromage H, Tempst P, Massagué J.</data>

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<data key="d4">Whole-genome sequencing identifies recurrent mutations in hepatocellular carcinoma.</data>

<data key="d5">Kan Z, Zheng H, Liu X, Li S, Barber TD, Gong Z, Gao H, Hao K, Willard MD, Xu J, Hauptschein R, Rejto PA, Fernandez J, Wang G, Zhang Q, Wang B, Chen R, Wang J, Lee NP, Zhou W, Lin Z, Peng Z, Yi K, Chen S, Li L, Fan X, Yang J, Ye R, Ju J, Wang K, Estrella H, Deng S, Wei P, Qiu M, Wulur IH, Liu J, Ehsani ME, Zhang C, Loboda A, Sung WK, Aggarwal A, Poon RT, Fan ST, Wang J, Hardwick J, Reinhard C, Dai H, Li Y, Luk JM, Mao M.</data>

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<data key="d4">Human hepatocellular carcinomas with "Stemness"-related marker expression: keratin 19 expression and a poor prognosis.</data>

<data key="d5">Kim H, Choi GH, Na DC, Ahn EY, Kim GI, Lee JE, Cho JY, Yoo JE, Choi JS, Park YN.</data>

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<data key="d5">Song H, Mak KK, Topol L, Yun K, Hu J, Garrett L, Chen Y, Park O, Chang J, Simpson RM, Wang CY, Gao B, Jiang J, Yang Y.</data>

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<data key="d5">Lee RH, Pulin AA, Seo MJ, Kota DJ, Ylostalo J, Larson BL, Semprun-Prieto L, Delafontaine P, Prockop DJ.</data>

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<data key="d6">Nat Biotechnol</data>

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<data key="d5">De Angelis A, Piegari E, Cappetta D, Marino L, Filippelli A, Berrino L, Ferreira-Martins J, Zheng H, Hosoda T, Rota M, Urbanek K, Kajstura J, Leri A, Rossi F, Anversa P.</data>

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<data key="d5">Lathia JD, Gallagher J, Heddleston JM, Wang J, Eyler CE, Macswords J, Wu Q, Vasanji A, McLendon RE, Hjelmeland AB, Rich JN.</data>

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<data key="d5">Wang J, Wakeman TP, Lathia JD, Hjelmeland AB, Wang XF, White RR, Rich JN, Sullenger BA.</data>

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<data key="d5">Xu D, Alipio Z, Fink LM, Adcock DM, Yang J, Ward DC, Ma Y.</data>

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<data key="d5">Giorgetti L, Galupa R, Nora EP, Piolot T, Lam F, Dekker J, Tiana G, Heard E.</data>

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<data key="d5">Du J, Johnson LM, Jacobsen SE, Patel DJ.</data>

<data key="d6">Nat Rev Mol Cell Biol</data>

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<data key="d5">Otani J, Nankumo T, Arita K, Inamoto S, Ariyoshi M, Shirakawa M.</data>

<data key="d6">EMBO Rep</data>

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<data key="d5">González F, Zhu Z, Shi ZD, Lelli K, Verma N, Li QV, Huangfu D.</data>

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<data key="d5">Kuroda Y, Kitada M, Wakao S, Nishikawa K, Tanimura Y, Makinoshima H, Goda M, Akashi H, Inutsuka A, Niwa A, Shigemoto T, Nabeshima Y, Nakahata T, Nabeshima Y, Fujiyoshi Y, Dezawa M.</data>

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<data key="d5">Ozawa T, Riester M, Cheng YK, Huse JT, Squatrito M, Helmy K, Charles N, Michor F, Holland EC.</data>

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<data key="d5">Wang P, Ren Z, Sun P.</data>

<data key="d6">J Cell Biochem</data>

<data key="d7">2012</data>

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<data key="d5">Ding Z, Wu CJ, Jaskelioff M, Ivanova E, Kost-Alimova M, Protopopov A, Chu GC, Wang G, Lu X, Labrot ES, Hu J, Wang W, Xiao Y, Zhang H, Zhang J, Zhang J, Gan B, Perry SR, Jiang S, Li L, Horner JW, Wang YA, Chin L, DePinho RA.</data>

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<data key="d4">Cooperativity within and among Pten, p53, and Rb pathways induces high-grade astrocytoma in adult brain.</data>

<data key="d5">Chow LM, Endersby R, Zhu X, Rankin S, Qu C, Zhang J, Broniscer A, Ellison DW, Baker SJ.</data>

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<data key="d4">SMAD4-dependent barrier constrains prostate cancer growth and metastatic progression.</data>

<data key="d5">Ding Z, Wu CJ, Chu GC, Xiao Y, Ho D, Zhang J, Perry SR, Labrot ES, Wu X, Lis R, Hoshida Y, Hiller D, Hu B, Jiang S, Zheng H, Stegh AH, Scott KL, Signoretti S, Bardeesy N, Wang YA, Hill DE, Golub TR, Stampfer MJ, Wong WH, Loda M, Mucci L, Chin L, DePinho RA.</data>

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<data key="d5">Zheng H, Ying H, Wiedemeyer R, Yan H, Quayle SN, Ivanova EV, Paik JH, Zhang H, Xiao Y, Perry SR, Hu J, Vinjamoori A, Gan B, Sahin E, Chheda MG, Brennan C, Wang YA, Hahn WC, Chin L, DePinho RA.</data>

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<data key="d5">Van Meir EG, Hadjipanayis CG, Norden AD, Shu HK, Wen PY, Olson JJ.</data>

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<data key="d5">Chen R, Nishimura MC, Bumbaca SM, Kharbanda S, Forrest WF, Kasman IM, Greve JM, Soriano RH, Gilmour LL, Rivers CS, Modrusan Z, Nacu S, Guerrero S, Edgar KA, Wallin JJ, Lamszus K, Westphal M, Heim S, James CD, VandenBerg SR, Costello JF, Moorefield S, Cowdrey CJ, Prados M, Phillips HS.</data>

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<data key="d4">HnRNP proteins controlled by c-Myc deregulate pyruvate kinase mRNA splicing in cancer.</data>

<data key="d5">David CJ, Chen M, Assanah M, Canoll P, Manley JL.</data>

<data key="d6">Nature</data>

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<data key="d4">FoxOs cooperatively regulate diverse pathways governing neural stem cell homeostasis.</data>

<data key="d5">Paik JH, Ding Z, Narurkar R, Ramkissoon S, Muller F, Kamoun WS, Chae SS, Zheng H, Ying H, Mahoney J, Hiller D, Jiang S, Protopopov A, Wong WH, Chin L, Ligon KL, DePinho RA.</data>

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<data key="d4">The level of the transcription factor Pax6 is essential for controlling the balance between neural stem cell self-renewal and neurogenesis.</data>

<data key="d5">Sansom SN, Griffiths DS, Faedo A, Kleinjan DJ, Ruan Y, Smith J, van Heyningen V, Rubenstein JL, Livesey FJ.</data>

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<data key="d5">Wang Y, Yang J, Zheng H, Tomasek GJ, Zhang P, McKeever PE, Lee EY, Zhu Y.</data>

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<data key="d4">Inactivation of p53 and Pten promotes invasive bladder cancer.</data>

<data key="d5">Puzio-Kuter AM, Castillo-Martin M, Kinkade CW, Wang X, Shen TH, Matos T, Shen MM, Cordon-Cardo C, Abate-Shen C.</data>

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<data key="d5">Besnard E, Babled A, Lapasset L, Milhavet O, Parrinello H, Dantec C, Marin JM, Lemaitre JM.</data>

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<data key="d4">Genome-scale analysis of metazoan replication origins reveals their organization in specific but flexible sites defined by conserved features.</data>

<data key="d5">Cayrou C, Coulombe P, Vigneron A, Stanojcic S, Ganier O, Peiffer I, Rivals E, Puy A, Laurent-Chabalier S, Desprat R, Méchali M.</data>

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<data key="d5">Letessier A, Millot GA, Koundrioukoff S, Lachagès AM, Vogt N, Hansen RS, Malfoy B, Brison O, Debatisse M.</data>

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<data key="d5">Masai H, Matsumoto S, You Z, Yoshizawa-Sugata N, Oda M.</data>

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<data key="d4">Sequencing newly replicated DNA reveals widespread plasticity in human replication timing.</data>

<data key="d5">Hansen RS, Thomas S, Sandstrom R, Canfield TK, Thurman RE, Weaver M, Dorschner MO, Gartler SM, Stamatoyannopoulos JA.</data>

<data key="d6">Proc Natl Acad Sci U S A</data>

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<data key="d5">Schwaiger M, Stadler MB, Bell O, Kohler H, Oakeley EJ, Schübeler D.</data>

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<data key="d4">UCP2 regulates energy metabolism and differentiation potential of human pluripotent stem cells.</data>

<data key="d5">Zhang J, Khvorostov I, Hong JS, Oktay Y, Vergnes L, Nuebel E, Wahjudi PN, Setoguchi K, Wang G, Do A, Jung HJ, McCaffery JM, Kurland IJ, Reue K, Lee WN, Koehler CM, Teitell MA.</data>

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<data key="d5">Rodin S, Domogatskaya A, Ström S, Hansson EM, Chien KR, Inzunza J, Hovatta O, Tryggvason K.</data>

<data key="d6">Nat Biotechnol</data>

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<data key="d5">Blin G, Nury D, Stefanovic S, Neri T, Guillevic O, Brinon B, Bellamy V, Rücker-Martin C, Barbry P, Bel A, Bruneval P, Cowan C, Pouly J, Mitalipov S, Gouadon E, Binder P, Hagège A, Desnos M, Renaud JF, Menasché P, Pucéat M.</data>

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<data key="d5">Deng J, Shoemaker R, Xie B, Gore A, LeProust EM, Antosiewicz-Bourget J, Egli D, Maherali N, Park IH, Yu J, Daley GQ, Eggan K, Hochedlinger K, Thomson J, Wang W, Gao Y, Zhang K.</data>

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<data key="d5">DeKelver RC, Choi VM, Moehle EA, Paschon DE, Hockemeyer D, Meijsing SH, Sancak Y, Cui X, Steine EJ, Miller JC, Tam P, Bartsevich VV, Meng X, Rupniewski I, Gopalan SM, Sun HC, Pitz KJ, Rock JM, Zhang L, Davis GD, Rebar EJ, Cheeseman IM, Yamamoto KR, Sabatini DM, Jaenisch R, Gregory PD, Urnov FD.</data>

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<data key="d5">Ikeda E, Morita R, Nakao K, Ishida K, Nakamura T, Takano-Yamamoto T, Ogawa M, Mizuno M, Kasugai S, Tsuji T.</data>

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<data key="d4">Epigenomic plasticity enables human pancreatic α to β cell reprogramming.</data>

<data key="d5">Bramswig NC, Everett LJ, Schug J, Dorrell C, Liu C, Luo Y, Streeter PR, Naji A, Grompe M, Kaestner KH.</data>

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<data key="d5">Weir GC, Bonner-Weir S.</data>

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<data key="d5">Pan FC, Bankaitis ED, Boyer D, Xu X, Van de Casteele M, Magnuson MA, Heimberg H, Wright CV.</data>

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<data key="d4">Human β cell transcriptome analysis uncovers lncRNAs that are tissue-specific, dynamically regulated, and abnormally expressed in type 2 diabetes.</data>

<data key="d5">Morán I, Akerman I, van de Bunt M, Xie R, Benazra M, Nammo T, Arnes L, Nakić N, García-Hurtado J, Rodríguez-Seguí S, Pasquali L, Sauty-Colace C, Beucher A, Scharfmann R, van Arensbergen J, Johnson PR, Berry A, Lee C, Harkins T, Gmyr V, Pattou F, Kerr-Conte J, Piemonti L, Berney T, Hanley N, Gloyn AL, Sussel L, Langman L, Brayman KL, Sander M, McCarthy MI, Ravassard P, Ferrer J.</data>

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<data key="d5">Cardinale V, Wang Y, Carpino G, Cui CB, Gatto M, Rossi M, Berloco PB, Cantafora A, Wauthier E, Furth ME, Inverardi L, Dominguez-Bendala J, Ricordi C, Gerber D, Gaudio E, Alvaro D, Reid L.</data>

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<data key="d5">Gupta PB, Fillmore CM, Jiang G, Shapira SD, Tao K, Kuperwasser C, Lander ES.</data>

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<data key="d4">MafA and MafB regulate genes critical to beta-cells in a unique temporal manner.</data>

<data key="d5">Artner I, Hang Y, Mazur M, Yamamoto T, Guo M, Lindner J, Magnuson MA, Stein R.</data>

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<data key="d5">Rovira M, Scott SG, Liss AS, Jensen J, Thayer SP, Leach SD.</data>

<data key="d6">Proc Natl Acad Sci U S A</data>

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<data key="d5">Solar M, Cardalda C, Houbracken I, Martín M, Maestro MA, De Medts N, Xu X, Grau V, Heimberg H, Bouwens L, Ferrer J.</data>

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<data key="d5">Gidekel Friedlander SY, Chu GC, Snyder EL, Girnius N, Dibelius G, Crowley D, Vasile E, DePinho RA, Jacks T.</data>

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<data key="d4">The ectopic expression of Pax4 in the mouse pancreas converts progenitor cells into alpha and subsequently beta cells.</data>

<data key="d5">Collombat P, Xu X, Ravassard P, Sosa-Pineda B, Dussaud S, Billestrup N, Madsen OD, Serup P, Heimberg H, Mansouri A.</data>

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<data key="d5">Takeuchi JK, Bruneau BG.</data>

<data key="d6">Nature</data>

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<data key="d5">Whitney NP, Eidem TM, Peng H, Huang Y, Zheng JC.</data>

<data key="d6">J Neurochem</data>

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<data key="d4">Evidence for sequenced molecular evolution of IDH1 mutant glioblastoma from a distinct cell of origin.</data>

<data key="d5">Lai A, Kharbanda S, Pope WB, Tran A, Solis OE, Peale F, Forrest WF, Pujara K, Carrillo JA, Pandita A, Ellingson BM, Bowers CW, Soriano RH, Schmidt NO, Mohan S, Yong WH, Seshagiri S, Modrusan Z, Jiang Z, Aldape KD, Mischel PS, Liau LM, Escovedo CJ, Chen W, Nghiemphu PL, James CD, Prados MD, Westphal M, Lamszus K, Cloughesy T, Phillips HS.</data>

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<data key="d4">miRNA-mRNA integrated analysis reveals roles for miRNAs in primary breast tumors.</data>

<data key="d5">Enerly E, Steinfeld I, Kleivi K, Leivonen SK, Aure MR, Russnes HG, Rønneberg JA, Johnsen H, Navon R, Rødland E, Mäkelä R, Naume B, Perälä M, Kallioniemi O, Kristensen VN, Yakhini Z, Børresen-Dale AL.</data>

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<data key="d4">An atlas of combinatorial transcriptional regulation in mouse and man.</data>

<data key="d5">Ravasi T, Ravasi T, Suzuki H, Cannistraci CV, Katayama S, Bajic VB, Tan K, Akalin A, Schmeier S, Kanamori-Katayama M, Bertin N, Carninci P, Daub CO, Forrest AR, Gough J, Grimmond S, Han JH, Hashimoto T, Hide W, Hofmann O, Kamburov A, Kaur M, Kawaji H, Kubosaki A, Lassmann T, van Nimwegen E, MacPherson CR, Ogawa C, Radovanovic A, Schwartz A, Teasdale RD, Tegnér J, Lenhard B, Teichmann SA, Arakawa T, Ninomiya N, Murakami K, Tagami M, Fukuda S, Imamura K, Kai C, Ishihara R, Kitazume Y, Kawai J, Hume DA, Ideker T, Hayashizaki Y.</data>

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<data key="d4">Dynamic changes in the human methylome during differentiation.</data>

<data key="d5">Laurent L, Wong E, Li G, Huynh T, Tsirigos A, Ong CT, Low HM, Kin Sung KW, Rigoutsos I, Loring J, Wei CL.</data>

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<data key="d5">Radford EJ, Ito M, Shi H, Corish JA, Yamazawa K, Isganaitis E, Seisenberger S, Hore TA, Reik W, Erkek S, Peters AHFM, Patti ME, Ferguson-Smith AC.</data>

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<data key="d5">Foley DL, Craig JM, Morley R, Olsson CA, Dwyer T, Smith K, Saffery R.</data>

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<data key="d5">Hubbard TJ, Aken BL, Ayling S, Ballester B, Beal K, Bragin E, Brent S, Chen Y, Clapham P, Clarke L, Coates G, Fairley S, Fitzgerald S, Fernandez-Banet J, Gordon L, Graf S, Haider S, Hammond M, Holland R, Howe K, Jenkinson A, Johnson N, Kahari A, Keefe D, Keenan S, Kinsella R, Kokocinski F, Kulesha E, Lawson D, Longden I, Megy K, Meidl P, Overduin B, Parker A, Pritchard B, Rios D, Schuster M, Slater G, Smedley D, Spooner W, Spudich G, Trevanion S, Vilella A, Vogel J, White S, Wilder S, Zadissa A, Birney E, Cunningham F, Curwen V, Durbin R, Fernandez-Suarez XM, Herrero J, Kasprzyk A, Proctor G, Smith J, Searle S, Flicek P.</data>

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<data key="d5">Choudhary C, Kumar C, Gnad F, Nielsen ML, Rehman M, Walther TC, Olsen JV, Mann M.</data>

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<data key="d5">Ohinata Y, Ohta H, Shigeta M, Yamanaka K, Wakayama T, Saitou M.</data>

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<data key="d5">Rotem A, Ram O, Shoresh N, Sperling RA, Goren A, Weitz DA, Bernstein BE.</data>

<data key="d6">Nat Biotechnol</data>

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<data key="d5">Chen X, Iliopoulos D, Zhang Q, Tang Q, Greenblatt MB, Hatziapostolou M, Lim E, Tam WL, Ni M, Chen Y, Mai J, Shen H, Hu DZ, Adoro S, Hu B, Song M, Tan C, Landis MD, Ferrari M, Shin SJ, Brown M, Chang JC, Liu XS, Glimcher LH.</data>

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<data key="d5">Hu S, Wan J, Su Y, Song Q, Zeng Y, Nguyen HN, Shin J, Cox E, Rho HS, Woodard C, Xia S, Liu S, Lyu H, Ming GL, Wade H, Song H, Qian J, Zhu H.</data>

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<data key="d5">Jolma A, Yan J, Whitington T, Toivonen J, Nitta KR, Rastas P, Morgunova E, Enge M, Taipale M, Wei G, Palin K, Vaquerizas JM, Vincentelli R, Luscombe NM, Hughes TR, Lemaire P, Ukkonen E, Kivioja T, Taipale J.</data>

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<data key="d5">Gerstein MB, Kundaje A, Hariharan M, Landt SG, Yan KK, Cheng C, Mu XJ, Khurana E, Rozowsky J, Alexander R, Min R, Alves P, Abyzov A, Addleman N, Bhardwaj N, Boyle AP, Cayting P, Charos A, Chen DZ, Cheng Y, Clarke D, Eastman C, Euskirchen G, Frietze S, Fu Y, Gertz J, Grubert F, Harmanci A, Jain P, Kasowski M, Lacroute P, Leng JJ, Lian J, Monahan H, O'Geen H, Ouyang Z, Partridge EC, Patacsil D, Pauli F, Raha D, Ramirez L, Reddy TE, Reed B, Shi M, Slifer T, Wang J, Wu L, Yang X, Yip KY, Zilberman-Schapira G, Batzoglou S, Sidow A, Farnham PJ, Myers RM, Weissman SM, Snyder M.</data>

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<data key="d5">Schmidt D, Schwalie PC, Wilson MD, Ballester B, Gonçalves A, Kutter C, Brown GD, Marshall A, Flicek P, Odom DT.</data>

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<data key="d5">Lawrence T, Natoli G.</data>

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<data key="d5">de Pontual L, Yao E, Callier P, Faivre L, Drouin V, Cariou S, Van Haeringen A, Geneviève D, Goldenberg A, Oufadem M, Manouvrier S, Munnich A, Vidigal JA, Vekemans M, Lyonnet S, Henrion-Caude A, Ventura A, Amiel J.</data>

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<data key="d4">DREME: motif discovery in transcription factor ChIP-seq data.</data>

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<data key="d4">Role for miR-204 in human pulmonary arterial hypertension.</data>

<data key="d5">Courboulin A, Paulin R, Giguère NJ, Saksouk N, Perreault T, Meloche J, Paquet ER, Biardel S, Provencher S, Côté J, Simard MJ, Bonnet S.</data>

<data key="d6">J Exp Med</data>

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<data key="d4">Genome-wide transcription factor binding: beyond direct target regulation.</data>

<data key="d5">MacQuarrie KL, Fong AP, Morse RH, Tapscott SJ.</data>

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<data key="d4">Histone H3K27ac separates active from poised enhancers and predicts developmental state.</data>

<data key="d5">Creyghton MP, Cheng AW, Welstead GG, Kooistra T, Carey BW, Steine EJ, Hanna J, Lodato MA, Frampton GM, Sharp PA, Boyer LA, Young RA, Jaenisch R.</data>

<data key="d6">Proc Natl Acad Sci U S A</data>

<data key="d7">2010</data>

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<data key="d4">ChIP-Seq identification of weakly conserved heart enhancers.</data>

<data key="d5">Blow MJ, McCulley DJ, Li Z, Zhang T, Akiyama JA, Holt A, Plajzer-Frick I, Shoukry M, Wright C, Chen F, Afzal V, Bristow J, Ren B, Black BL, Rubin EM, Visel A, Pennacchio LA.</data>

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<data key="d5">Wilbanks EG, Facciotti MT.</data>

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<data key="d4">Transposable elements have rewired the core regulatory network of human embryonic stem cells.</data>

<data key="d5">Kunarso G, Chia NY, Jeyakani J, Hwang C, Lu X, Chan YS, Ng HH, Bourque G.</data>

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<data key="d4">A global role for KLF1 in erythropoiesis revealed by ChIP-seq in primary erythroid cells.</data>

<data key="d5">Tallack MR, Whitington T, Yuen WS, Wainwright EN, Keys JR, Gardiner BB, Nourbakhsh E, Cloonan N, Grimmond SM, Bailey TL, Perkins AC.</data>

<data key="d6">Genome Res</data>

<data key="d7">2010</data>

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<data key="d4">GREAT improves functional interpretation of cis-regulatory regions.</data>

<data key="d5">McLean CY, Bristor D, Hiller M, Clarke SL, Schaar BT, Lowe CB, Wenger AM, Bejerano G.</data>

<data key="d6">Nat Biotechnol</data>

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<data key="d4">Characterization of an antagonistic switch between histone H3 lysine 27 methylation and acetylation in the transcriptional regulation of Polycomb group target genes.</data>

<data key="d5">Pasini D, Malatesta M, Jung HR, Walfridsson J, Willer A, Olsson L, Skotte J, Wutz A, Porse B, Jensen ON, Helin K.</data>

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<data key="d7">2010</data>

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<data key="d5">Schmidt D, Schwalie PC, Ross-Innes CS, Hurtado A, Brown GD, Carroll JS, Flicek P, Odom DT.</data>

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<data key="d5">Grivennikov SI, Greten FR, Karin M.</data>

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<data key="d5">Niakan KK, Ji H, Maehr R, Vokes SA, Rodolfa KT, Sherwood RI, Yamaki M, Dimos JT, Chen AE, Melton DA, McMahon AP, Eggan K.</data>

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<data key="d5">Ouyang Z, Zhou Q, Wong WH.</data>

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<data key="d5">Shen X, Kim W, Fujiwara Y, Simon MD, Liu Y, Mysliwiec MR, Yuan GC, Lee Y, Orkin SH.</data>

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<data key="d5">Portales-Casamar E, Thongjuea S, Kwon AT, Arenillas D, Zhao X, Valen E, Yusuf D, Lenhard B, Wasserman WW, Sandelin A.</data>

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<data key="d5">Fullwood MJ, Liu MH, Pan YF, Liu J, Xu H, Mohamed YB, Orlov YL, Velkov S, Ho A, Mei PH, Chew EG, Huang PY, Welboren WJ, Han Y, Ooi HS, Ariyaratne PN, Vega VB, Luo Y, Tan PY, Choy PY, Wansa KD, Zhao B, Lim KS, Leow SC, Yow JS, Joseph R, Li H, Desai KV, Thomsen JS, Lee YK, Karuturi RK, Herve T, Bourque G, Stunnenberg HG, Ruan X, Cacheux-Rataboul V, Sung WK, Liu ET, Wei CL, Cheung E, Ruan Y.</data>

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<data key="d4">Eset partners with Oct4 to restrict extraembryonic trophoblast lineage potential in embryonic stem cells.</data>

<data key="d5">Yuan P, Han J, Guo G, Orlov YL, Huss M, Loh YH, Yaw LP, Robson P, Lim B, Ng HH.</data>

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<data key="d4">SetDB1 contributes to repression of genes encoding developmental regulators and maintenance of ES cell state.</data>

<data key="d5">Bilodeau S, Kagey MH, Frampton GM, Rahl PB, Young RA.</data>

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<data key="d5">De Santa F, Narang V, Yap ZH, Tusi BK, Burgold T, Austenaa L, Bucci G, Caganova M, Notarbartolo S, Casola S, Testa G, Sung WK, Wei CL, Natoli G.</data>

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<data key="d4">Novel STAT3 target genes exert distinct roles in the inhibition of mesoderm and endoderm differentiation in cooperation with Nanog.</data>

<data key="d5">Bourillot PY, Aksoy I, Schreiber V, Wianny F, Schulz H, Hummel O, Hubner N, Savatier P.</data>

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<data key="d4">Endonuclease-sensitive regions of human spermatozoal chromatin are highly enriched in promoter and CTCF binding sequences.</data>

<data key="d5">Arpanahi A, Brinkworth M, Iles D, Krawetz SA, Paradowska A, Platts AE, Saida M, Steger K, Tedder P, Miller D.</data>

<data key="d6">Genome Res</data>

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<data key="d5">Zang C, Schones DE, Zeng C, Cui K, Zhao K, Peng W.</data>

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<data key="d4">CTCF: master weaver of the genome.</data>

<data key="d5">Phillips JE, Corces VG.</data>

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<data key="d5">FANTOM Consortium, Suzuki H, Forrest AR, van Nimwegen E, Daub CO, Balwierz PJ, Irvine KM, Lassmann T, Ravasi T, Hasegawa Y, de Hoon MJ, Katayama S, Schroder K, Carninci P, Tomaru Y, Kanamori-Katayama M, Kubosaki A, Akalin A, Ando Y, Arner E, Asada M, Asahara H, Bailey T, Bajic VB, Bauer D, Beckhouse AG, Bertin N, Björkegren J, Brombacher F, Bulger E, Chalk AM, Chiba J, Cloonan N, Dawe A, Dostie J, Engström PG, Essack M, Faulkner GJ, Fink JL, Fredman D, Fujimori K, Furuno M, Gojobori T, Gough J, Grimmond SM, Gustafsson M, Hashimoto M, Hashimoto T, Hatakeyama M, Heinzel S, Hide W, Hofmann O, Hörnquist M, Huminiecki L, Ikeo K, Imamoto N, Inoue S, Inoue Y, Ishihara R, Iwayanagi T, Jacobsen A, Kaur M, Kawaji H, Kerr MC, Kimura R, Kimura S, Kimura Y, Kitano H, Koga H, Kojima T, Kondo S, Konno T, Krogh A, Kruger A, Kumar A, Lenhard B, Lennartsson A, Lindow M, Lizio M, Macpherson C, Maeda N, Maher CA, Maqungo M, Mar J, Matigian NA, Matsuda H, Mattick JS, Meier S, Miyamoto S, Miyamoto-Sato E, Nakabayashi K, Nakachi Y, Nakano M, Nygaard S, Okayama T, Okazaki Y, Okuda-Yabukami H, Orlando V, Otomo J, Pachkov M, Petrovsky N, Plessy C, Quackenbush J, Radovanovic A, Rehli M, Saito R, Sandelin A, Schmeier S, Schönbach C, Schwartz AS, Semple CA, Sera M, Severin J, Shirahige K, Simons C, St Laurent G, Suzuki M, Suzuki T, Sweet MJ, Taft RJ, Takeda S, Takenaka Y, Tan K, Taylor MS, Teasdale RD, Tegnér J, Teichmann S, Valen E, Wahlestedt C, Waki K, Waterhouse A, Wells CA, Winther O, Wu L, Yamaguchi K, Yanagawa H, Yasuda J, Zavolan M, Hume DA, Riken Omics Science Center, Arakawa T, Fukuda S, Imamura K, Kai C, Kaiho A, Kawashima T, Kawazu C, Kitazume Y, Kojima M, Miura H, Murakami K, Murata M, Ninomiya N, Nishiyori H, Noma S, Ogawa C, Sano T, Simon C, Tagami M, Takahashi Y, Kawai J, Hayashizaki Y.</data>

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<data key="d5">Fullwood MJ, Wei CL, Liu ET, Ruan Y.</data>

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<data key="d4">A genome-wide RNAi screen identifies a new transcriptional module required for self-renewal.</data>

<data key="d5">Hu G, Kim J, Xu Q, Leng Y, Orkin SH, Elledge SJ.</data>

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<data key="d4">Genomic distribution of CHD7 on chromatin tracks H3K4 methylation patterns.</data>

<data key="d5">Schnetz MP, Bartels CF, Shastri K, Balasubramanian D, Zentner GE, Balaji R, Zhang X, Song L, Wang Z, Laframboise T, Crawford GE, Scacheri PC.</data>

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<data key="d4">Histone h3 lysine 56 acetylation is linked to the core transcriptional network in human embryonic stem cells.</data>

<data key="d5">Xie W, Song C, Young NL, Sperling AS, Xu F, Sridharan R, Conway AE, Garcia BA, Plath K, Clark AT, Grunstein M.</data>

<data key="d6">Mol Cell</data>

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<data key="d4">ChIP-seq accurately predicts tissue-specific activity of enhancers.</data>

<data key="d5">Visel A, Blow MJ, Li Z, Zhang T, Akiyama JA, Holt A, Plajzer-Frick I, Shoukry M, Wright C, Chen F, Afzal V, Ren B, Rubin EM, Pennacchio LA.</data>

<data key="d6">Nature</data>

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<data key="d4">Reflecting on 25 years with MYC.</data>

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<data key="d6">Nat Rev Cancer</data>

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<data key="d4">An integrated software system for analyzing ChIP-chip and ChIP-seq data.</data>

<data key="d5">Ji H, Jiang H, Ma W, Johnson DS, Myers RM, Wong WH.</data>

<data key="d6">Nat Biotechnol</data>

<data key="d7">2008</data>

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<data key="d4">NCBI GEO: archive for high-throughput functional genomic data.</data>

<data key="d5">Barrett T, Troup DB, Wilhite SE, Ledoux P, Rudnev D, Evangelista C, Kim IF, Soboleva A, Tomashevsky M, Marshall KA, Phillippy KH, Sherman PM, Muertter RN, Edgar R.</data>

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<data key="d4">A PHD-polycomb repressive complex 2 triggers the epigenetic silencing of FLC during vernalization.</data>

<data key="d5">De Lucia F, Crevillen P, Jones AM, Greb T, Dean C.</data>

<data key="d6">Proc Natl Acad Sci U S A</data>

<data key="d7">2008</data>

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<data key="d4">REST regulates distinct transcriptional networks in embryonic and neural stem cells.</data>

<data key="d5">Johnson R, Teh CH, Kunarso G, Wong KY, Srinivasan G, Cooper ML, Volta M, Chan SS, Lipovich L, Pollard SM, Karuturi RK, Wei CL, Buckley NJ, Stanton LW.</data>

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<data key="d4">Sall4 regulates distinct transcription circuitries in different blastocyst-derived stem cell lineages.</data>

<data key="d5">Lim CY, Tam WL, Zhang J, Ang HS, Jia H, Lipovich L, Ng HH, Wei CL, Sung WK, Robson P, Yang H, Lim B.</data>

<data key="d6">Cell Stem Cell</data>

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<data key="d4">Genome-wide relationship between histone H3 lysine 4 mono- and tri-methylation and transcription factor binding.</data>

<data key="d5">Robertson AG, Bilenky M, Tam A, Zhao Y, Zeng T, Thiessen N, Cezard T, Fejes AP, Wederell ED, Cullum R, Euskirchen G, Krzywinski M, Birol I, Snyder M, Hoodless PA, Hirst M, Marra MA, Jones SJ.</data>

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<data key="d5">Cohen S, Gabel HW, Hemberg M, Hutchinson AN, Sadacca LA, Ebert DH, Harmin DA, Greenberg RS, Verdine VK, Zhou Z, Wetsel WC, West AE, Greenberg ME.</data>

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<data key="d5">Li G, Margueron R, Ku M, Chambon P, Bernstein BE, Reinberg D.</data>

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<data key="d5">Lister R, Gregory BD, Ecker JR.</data>

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<data key="d5">Gal-Yam EN, Egger G, Iniguez L, Holster H, Einarsson S, Zhang X, Lin JC, Liang G, Jones PA, Tanay A.</data>

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<data key="d5">Nimura K, Ura K, Shiratori H, Ikawa M, Okabe M, Schwartz RJ, Kaneda Y.</data>

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<data key="d5">Eisenberg-Lerner A, Bialik S, Simon HU, Kimchi A.</data>

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<data key="d5">Yanes O, Clark J, Wong DM, Patti GJ, Sánchez-Ruiz A, Benton HP, Trauger SA, Desponts C, Ding S, Siuzdak G.</data>

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<data key="d5">Behfar A, Yamada S, Crespo-Diaz R, Nesbitt JJ, Rowe LA, Perez-Terzic C, Gaussin V, Homsy C, Bartunek J, Terzic A.</data>

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<data key="d5">Huebsch N, Arany PR, Mao AS, Shvartsman D, Ali OA, Bencherif SA, Rivera-Feliciano J, Mooney DJ.</data>

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<data key="d5">Kikuchi K, Holdway JE, Werdich AA, Anderson RM, Fang Y, Egnaczyk GF, Evans T, Macrae CA, Stainier DY, Poss KD.</data>

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<data key="d5">Bergmann O, Bhardwaj RD, Bernard S, Zdunek S, Barnabé-Heider F, Walsh S, Zupicich J, Alkass K, Buchholz BA, Druid H, Jovinge S, Frisén J.</data>

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<data key="d5">Takubo K, Nagamatsu G, Kobayashi CI, Nakamura-Ishizu A, Kobayashi H, Ikeda E, Goda N, Rahimi Y, Johnson RS, Soga T, Hirao A, Suematsu M, Suda T.</data>

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<data key="d5">Karmodiya K, Krebs AR, Oulad-Abdelghani M, Kimura H, Tora L.</data>

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<data key="d5">Jiang H, Shukla A, Wang X, Chen WY, Bernstein BE, Roeder RG.</data>

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<data key="d5">Bergmann JH, Rodríguez MG, Martins NM, Kimura H, Kelly DA, Masumoto H, Larionov V, Jansen LE, Earnshaw WC.</data>

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<data key="d4">Long noncoding RNAs with enhancer-like function in human cells.</data>

<data key="d5">Ørom UA, Derrien T, Beringer M, Gumireddy K, Gardini A, Bussotti G, Lai F, Zytnicki M, Notredame C, Huang Q, Guigo R, Shiekhattar R.</data>

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<data key="d4">UTX mediates demethylation of H3K27me3 at muscle-specific genes during myogenesis.</data>

<data key="d5">Seenundun S, Rampalli S, Liu QC, Aziz A, Palii C, Hong S, Blais A, Brand M, Ge K, Dilworth FJ.</data>

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<data key="d4">Altered nuclear retention of mRNAs containing inverted repeats in human embryonic stem cells: functional role of a nuclear noncoding RNA.</data>

<data key="d5">Chen LL, Carmichael GG.</data>

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<data key="d5">Misteli T, Soutoglou E.</data>

<data key="d6">Nat Rev Mol Cell Biol</data>

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<data key="d4">Large histone H3 lysine 9 dimethylated chromatin blocks distinguish differentiated from embryonic stem cells.</data>

<data key="d5">Wen B, Wu H, Shinkai Y, Irizarry RA, Feinberg AP.</data>

<data key="d6">Nat Genet</data>

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<data key="d5">Furuyama K, Kawaguchi Y, Akiyama H, Horiguchi M, Kodama S, Kuhara T, Hosokawa S, Elbahrawy A, Soeda T, Koizumi M, Masui T, Kawaguchi M, Takaori K, Doi R, Nishi E, Kakinoki R, Deng JM, Behringer RR, Nakamura T, Uemoto S.</data>

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<data key="d5">Johnson NC, Dillard ME, Baluk P, McDonald DM, Harvey NL, Frase SL, Oliver G.</data>

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<data key="d5">Kim W, Bird GH, Neff T, Guo G, Kerenyi MA, Walensky LD, Orkin SH.</data>

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<data key="d5">Pasini D, Cloos PA, Walfridsson J, Olsson L, Bukowski JP, Johansen JV, Bak M, Tommerup N, Rappsilber J, Helin K.</data>

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<data key="d5">Peng JC, Valouev A, Swigut T, Zhang J, Zhao Y, Sidow A, Wysocka J.</data>

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<data key="d5">Juan AH, Kumar RM, Marx JG, Young RA, Sartorelli V.</data>

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<data key="d5">Sing A, Pannell D, Karaiskakis A, Sturgeon K, Djabali M, Ellis J, Lipshitz HD, Cordes SP.</data>

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<data key="d5">Ezhkova E, Pasolli HA, Parker JS, Stokes N, Su IH, Hannon G, Tarakhovsky A, Fuchs E.</data>

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<data key="d5">Oktaba K, Gutiérrez L, Gagneur J, Girardot C, Sengupta AK, Furlong EE, Müller J.</data>

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<data key="d5">Creyghton MP, Markoulaki S, Levine SS, Hanna J, Lodato MA, Sha K, Young RA, Jaenisch R, Boyer LA.</data>

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<data key="d5">Pruszak J, Ludwig W, Blak A, Alavian K, Isacson O.</data>

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<data key="d5">Gangemi RM, Griffero F, Marubbi D, Perera M, Capra MC, Malatesta P, Ravetti GL, Zona GL, Daga A, Corte G.</data>

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<data key="d5">Yu H, Mouw JK, Weaver VM.</data>

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<data key="d5">Shimono Y, Zabala M, Cho RW, Lobo N, Dalerba P, Qian D, Diehn M, Liu H, Panula SP, Chiao E, Dirbas FM, Somlo G, Pera RA, Lao K, Clarke MF.</data>

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<data key="d5">Gurel B, Iwata T, Koh CM, Jenkins RB, Lan F, Van Dang C, Hicks JL, Morgan J, Cornish TC, Sutcliffe S, Isaacs WB, Luo J, De Marzo AM.</data>

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<data key="d5">Zhao J, Ohsumi TK, Kung JT, Ogawa Y, Grau DJ, Sarma K, Song JJ, Kingston RE, Borowsky M, Lee JT.</data>

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<data key="d5">Scheuermann JC, de Ayala Alonso AG, Oktaba K, Ly-Hartig N, McGinty RK, Fraterman S, Wilm M, Muir TW, Müller J.</data>

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<data key="d4">Drosophila O-GlcNAc transferase (OGT) is encoded by the Polycomb group (PcG) gene, super sex combs (sxc).</data>

<data key="d5">Sinclair DA, Syrzycka M, Macauley MS, Rastgardani T, Komljenovic I, Vocadlo DJ, Brock HW, Honda BM.</data>

<data key="d6">Proc Natl Acad Sci U S A</data>

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<data key="d5">Ding L, Paszkowski-Rogacz M, Nitzsche A, Slabicki MM, Heninger AK, de Vries I, Kittler R, Junqueira M, Shevchenko A, Schulz H, Hubner N, Doss MX, Sachinidis A, Hescheler J, Iacone R, Anastassiadis K, Stewart AF, Pisabarro MT, Caldarelli A, Poser I, Theis M, Buchholz F.</data>

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<data key="d5">King B, Trimarchi T, Reavie L, Xu L, Mullenders J, Ntziachristos P, Aranda-Orgilles B, Perez-Garcia A, Shi J, Vakoc C, Sandy P, Shen SS, Ferrando A, Aifantis I.</data>

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<data key="d5">He A, Kong SW, Ma Q, Pu WT.</data>

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<data key="d5">Bai X, Kim J, Yang Z, Jurynec MJ, Akie TE, Lee J, LeBlanc J, Sessa A, Jiang H, DiBiase A, Zhou Y, Grunwald DJ, Lin S, Cantor AB, Orkin SH, Zon LI.</data>

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<data key="d5">Nicol JW, Helt GA, Blanchard SG, Raja A, Loraine AE.</data>

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<data key="d5">Mole DR, Blancher C, Copley RR, Pollard PJ, Gleadle JM, Ragoussis J, Ratcliffe PJ.</data>

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<data key="d5">Shen X, Liu Y, Hsu YJ, Fujiwara Y, Kim J, Mao X, Yuan GC, Orkin SH.</data>

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<data key="d5">Ku M, Koche RP, Rheinbay E, Mendenhall EM, Endoh M, Mikkelsen TS, Presser A, Nusbaum C, Xie X, Chi AS, Adli M, Kasif S, Ptaszek LM, Cowan CA, Lander ES, Koseki H, Bernstein BE.</data>

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<data key="d5">Duncan EM, Muratore-Schroeder TL, Cook RG, Garcia BA, Shabanowitz J, Hunt DF, Allis CD.</data>

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<data key="d5">Bilican B, Serio A, Barmada SJ, Nishimura AL, Sullivan GJ, Carrasco M, Phatnani HP, Puddifoot CA, Story D, Fletcher J, Park IH, Friedman BA, Daley GQ, Wyllie DJ, Hardingham GE, Wilmut I, Finkbeiner S, Maniatis T, Shaw CE, Chandran S.</data>

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<data key="d5">Mandal S, Lindgren AG, Srivastava AS, Clark AT, Banerjee U.</data>

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<data key="d5">Ku S, Soragni E, Campau E, Thomas EA, Altun G, Laurent LC, Loring JF, Napierala M, Gottesfeld JM.</data>

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<data key="d5">Zou J, Maeder ML, Mali P, Pruett-Miller SM, Thibodeau-Beganny S, Chou BK, Chen G, Ye Z, Park IH, Daley GQ, Porteus MH, Joung JK, Cheng L.</data>

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<data key="d4">Directed differentiation of human-induced pluripotent stem cells generates active motor neurons.</data>

<data key="d5">Karumbayaram S, Novitch BG, Patterson M, Umbach JA, Richter L, Lindgren A, Conway AE, Clark AT, Goldman SA, Plath K, Wiedau-Pazos M, Kornblum HI, Lowry WE.</data>

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<data key="d4">Derivation of primordial germ cells from human embryonic and induced pluripotent stem cells is significantly improved by coculture with human fetal gonadal cells.</data>

<data key="d5">Park TS, Galic Z, Conway AE, Lindgren A, van Handel BJ, Magnusson M, Richter L, Teitell MA, Mikkola HK, Lowry WE, Plath K, Clark AT.</data>

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<data key="d5">Ebert AD, Yu J, Rose FF, Mattis VB, Lorson CL, Thomson JA, Svendsen CN.</data>

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<data key="d5">Okita K, Nakagawa M, Hyenjong H, Ichisaka T, Yamanaka S.</data>

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<data key="d5">Park IH, Arora N, Huo H, Maherali N, Ahfeldt T, Shimamura A, Lensch MW, Cowan C, Hochedlinger K, Daley GQ.</data>

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<data key="d5">Park IH, Lerou PH, Zhao R, Huo H, Daley GQ.</data>

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<data key="d5">Doedens AL, Phan AT, Stradner MH, Fujimoto JK, Nguyen JV, Yang E, Johnson RS, Goldrath AW.</data>

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<data key="d5">Zhuang Z, Yang C, Lorenzo F, Merino M, Fojo T, Kebebew E, Popovic V, Stratakis CA, Prchal JT, Pacak K.</data>

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<data key="d5">Sasaki M, Knobbe CB, Itsumi M, Elia AJ, Harris IS, Chio II, Cairns RA, McCracken S, Wakeham A, Haight J, Ten AY, Snow B, Ueda T, Inoue S, Yamamoto K, Ko M, Rao A, Yen KE, Su SM, Mak TW.</data>

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<data key="d5">Keith B, Johnson RS, Simon MC.</data>

<data key="d6">Nat Rev Cancer</data>

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<data key="d5">Bell EL, Emerling BM, Ricoult SJ, Guarente L.</data>

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<data key="d5">Klaunig JE, Kamendulis LM, Hocevar BA.</data>

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<data key="d4">An integrative genomics approach identifies Hypoxia Inducible Factor-1 (HIF-1)-target genes that form the core response to hypoxia.</data>

<data key="d5">Benita Y, Kikuchi H, Smith AD, Zhang MQ, Chung DC, Xavier RJ.</data>

<data key="d6">Nucleic Acids Res</data>

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<data key="d5">Zhang H, Qian DZ, Tan YS, Lee K, Gao P, Ren YR, Rey S, Hammers H, Chang D, Pili R, Dang CV, Liu JO, Semenza GL.</data>

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<data key="d5">Yee Koh M, Spivak-Kroizman TR, Powis G.</data>

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<data key="d5">Montgomery RK, Carlone DL, Richmond CA, Farilla L, Kranendonk ME, Henderson DE, Baffour-Awuah NY, Ambruzs DM, Fogli LK, Algra S, Breault DT.</data>

<data key="d6">Proc Natl Acad Sci U S A</data>

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<data key="d5">Zhao Y, Yin X, Qin H, Zhu F, Liu H, Yang W, Zhang Q, Xiang C, Hou P, Song Z, Liu Y, Yong J, Zhang P, Cai J, Liu M, Li H, Li Y, Qu X, Cui K, Zhang W, Xiang T, Wu Y, Zhao Y, Liu C, Yu C, Yuan K, Lou J, Ding M, Deng H.</data>

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<data key="d5">Takeda N, Manabe I, Uchino Y, Eguchi K, Matsumoto S, Nishimura S, Shindo T, Sano M, Otsu K, Snider P, Conway SJ, Nagai R.</data>

<data key="d6">J Clin Invest</data>

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<data key="d5">Moore DL, Blackmore MG, Hu Y, Kaestner KH, Bixby JL, Lemmon VP, Goldberg JL.</data>

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<data key="d5">Acharya A, Das I, Chandhok D, Saha T.</data>

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<data key="d5">Lin L, Amin R, Gallicano GI, Glasgow E, Jogunoori W, Jessup JM, Zasloff M, Marshall JL, Shetty K, Johnson L, Mishra L, He AR.</data>

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<data key="d4">Dedifferentiation of neurons and astrocytes by oncogenes can induce gliomas in mice.</data>

<data key="d5">Friedmann-Morvinski D, Bushong EA, Ke E, Soda Y, Marumoto T, Singer O, Ellisman MH, Verma IM.</data>

<data key="d6">Science</data>

<data key="d7">2012</data>

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<data key="d4">Nanotopography influences adhesion, spreading, and self-renewal of human embryonic stem cells.</data>

<data key="d5">Chen W, Villa-Diaz LG, Sun Y, Weng S, Kim JK, Lam RH, Han L, Fan R, Krebsbach PH, Fu J.</data>

<data key="d6">ACS Nano</data>

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<data key="d5">Gao Z, Zhang J, Bonasio R, Strino F, Sawai A, Parisi F, Kluger Y, Reinberg D.</data>

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<data key="d4">Mapping and analysis of chromatin state dynamics in nine human cell types.</data>

<data key="d5">Ernst J, Kheradpour P, Mikkelsen TS, Shoresh N, Ward LD, Epstein CB, Zhang X, Wang L, Issner R, Coyne M, Ku M, Durham T, Kellis M, Bernstein BE.</data>

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<data key="d4">microRNA-1 and microRNA-206 regulate skeletal muscle satellite cell proliferation and differentiation by repressing Pax7.</data>

<data key="d5">Chen JF, Tao Y, Li J, Deng Z, Yan Z, Xiao X, Wang DZ.</data>

<data key="d6">J Cell Biol</data>

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<data key="d5">Bondue A, Lapouge G, Paulissen C, Semeraro C, Iacovino M, Kyba M, Blanpain C.</data>

<data key="d6">Cell Stem Cell</data>

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<data key="d4">Direct evidence of mesenchymal stem cell tropism for tumor and wounding microenvironments using in vivo bioluminescent imaging.</data>

<data key="d5">Kidd S, Spaeth E, Dembinski JL, Dietrich M, Watson K, Klopp A, Battula VL, Weil M, Andreeff M, Marini FC.</data>

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<data key="d4">BRACHYURY and CDX2 mediate BMP-induced differentiation of human and mouse pluripotent stem cells into embryonic and extraembryonic lineages.</data>

<data key="d5">Bernardo AS, Faial T, Gardner L, Niakan KK, Ortmann D, Senner CE, Callery EM, Trotter MW, Hemberger M, Smith JC, Bardwell L, Moffett A, Pedersen RA.</data>

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<data key="d4">Self-renewal and differentiation capacity of young and aged stem cells.</data>

<data key="d5">Roobrouck VD, Ulloa-Montoya F, Verfaillie CM.</data>

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<data key="d4">C-Myb(+) erythro-myeloid progenitor-derived fetal monocytes give rise to adult tissue-resident macrophages.</data>

<data key="d5">Hoeffel G, Chen J, Lavin Y, Low D, Almeida FF, See P, Beaudin AE, Lum J, Low I, Forsberg EC, Poidinger M, Zolezzi F, Larbi A, Ng LG, Chan JK, Greter M, Becher B, Samokhvalov IM, Merad M, Ginhoux F.</data>

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<data key="d5">Mizoguchi T, Pinho S, Ahmed J, Kunisaki Y, Hanoun M, Mendelson A, Ono N, Kronenberg HM, Frenette PS.</data>

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<data key="d5">Kennedy M, Awong G, Sturgeon CM, Ditadi A, LaMotte-Mohs R, Zúñiga-Pflücker JC, Keller G.</data>

<data key="d6">Cell Rep</data>

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<data key="d5">Dillon CP, Oberst A, Weinlich R, Janke LJ, Kang TB, Ben-Moshe T, Mak TW, Wallach D, Green DR.</data>

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<data key="d5">Mercier FE, Ragu C, Scadden DT.</data>

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<data key="d4">The endosteal 'osteoblastic' niche and its role in hematopoietic stem cell homing and mobilization.</data>

<data key="d5">Lévesque JP, Helwani FM, Winkler IG.</data>

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<data key="d5">Trumpp A, Essers M, Wilson A.</data>

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<data key="d4">Haematopoietic stem cells derive directly from aortic endothelium during development.</data>

<data key="d5">Bertrand JY, Chi NC, Santoso B, Teng S, Stainier DY, Traver D.</data>

<data key="d6">Nature</data>

<data key="d7">2010</data>

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<data key="d4">In vivo imaging of haematopoietic cells emerging from the mouse aortic endothelium.</data>

<data key="d5">Boisset JC, van Cappellen W, Andrieu-Soler C, Galjart N, Dzierzak E, Robin C.</data>

<data key="d6">Nature</data>

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<data key="d4">Hematopoietic stem cell development is dependent on blood flow.</data>

<data key="d5">North TE, Goessling W, Peeters M, Li P, Ceol C, Lord AM, Weber GJ, Harris J, Cutting CC, Huang P, Dzierzak E, Zon LI.</data>

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<data key="d4">Persistent epigenetic differences associated with prenatal exposure to famine in humans.</data>

<data key="d5">Heijmans BT, Tobi EW, Stein AD, Putter H, Blauw GJ, Susser ES, Slagboom PE, Lumey LH.</data>

<data key="d6">Proc Natl Acad Sci U S A</data>

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<data key="d4">Extensive hematopoietic stem cell generation in the AGM region via maturation of VE-cadherin+CD45+ pre-definitive HSCs.</data>

<data key="d5">Taoudi S, Gonneau C, Moore K, Sheridan JM, Blackburn CC, Taylor E, Medvinsky A.</data>

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<data key="d5">Nagoshi N, Shibata S, Kubota Y, Nakamura M, Nagai Y, Satoh E, Morikawa S, Okada Y, Mabuchi Y, Katoh H, Okada S, Fukuda K, Suda T, Matsuzaki Y, Toyama Y, Okano H.</data>

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<data key="d5">Xiong Y, Chen X, Chen Z, Wang X, Shi S, Wang X, Zhang J, He X.</data>

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<data key="d5">Ye L, Wang J, Beyer AI, Teque F, Cradick TJ, Qi Z, Chang JC, Bao G, Muench MO, Yu J, Levy JA, Kan YW.</data>

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<data key="d4">SIRPA is a specific cell-surface marker for isolating cardiomyocytes derived from human pluripotent stem cells.</data>

<data key="d5">Dubois NC, Craft AM, Sharma P, Elliott DA, Stanley EG, Elefanty AG, Gramolini A, Keller G.</data>

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<data key="d4">Oct-4 expression maintained cancer stem-like properties in lung cancer-derived CD133-positive cells.</data>

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<data key="d5">Huang GT, Gronthos S, Shi S.</data>

<data key="d6">J Dent Res</data>

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<data key="d5">Zhang D, Jiang W, Liu M, Sui X, Yin X, Chen S, Shi Y, Deng H.</data>

<data key="d6">Cell Res</data>

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<data key="d5">Rose RA, Jiang H, Wang X, Helke S, Tsoporis JN, Gong N, Keating SC, Parker TG, Backx PH, Keating A.</data>

<data key="d6">Stem Cells</data>

<data key="d7">2008</data>

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<data key="d4">Glioma stem cells: a midterm exam.</data>

<data key="d5">Stiles CD, Rowitch DH.</data>

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<data key="d5">Ben-Porath I, Thomson MW, Carey VJ, Ge R, Bell GW, Regev A, Weinberg RA.</data>

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<data key="d5">Kim C, Wong J, Wen J, Wang S, Wang C, Spiering S, Kan NG, Forcales S, Puri PL, Leone TC, Marine JE, Calkins H, Kelly DP, Judge DP, Chen HS.</data>

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<data key="d5">Wilbert ML, Huelga SC, Kapeli K, Stark TJ, Liang TY, Chen SX, Yan BY, Nathanson JL, Hutt KR, Lovci MT, Kazan H, Vu AQ, Massirer KB, Morris Q, Hoon S, Yeo GW.</data>

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<data key="d5">Kasinski AL, Slack FJ.</data>

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<data key="d5">Tang C, Lee AS, Volkmer JP, Sahoo D, Nag D, Mosley AR, Inlay MA, Ardehali R, Chavez SL, Pera RR, Behr B, Wu JC, Weissman IL, Drukker M.</data>

<data key="d6">Nat Biotechnol</data>

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<data key="d5">Krencik R, Weick JP, Liu Y, Zhang ZJ, Zhang SC.</data>

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<data key="d5">Chiorazzi N, Ferrarini M.</data>

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<data key="d5">Zhang Q, Jiang J, Han P, Yuan Q, Zhang J, Zhang X, Xu Y, Cao H, Meng Q, Chen L, Tian T, Wang X, Li P, Hescheler J, Ji G, Ma Y.</data>

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<data key="d5">Chen G, Hou Z, Gulbranson DR, Thomson JA.</data>

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<data key="d5">Pannuti A, Foreman K, Rizzo P, Osipo C, Golde T, Osborne B, Miele L.</data>

<data key="d6">Clin Cancer Res</data>

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<data key="d5">Newman MA, Hammond SM.</data>

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<data key="d5">Peng S, Maihle NJ, Huang Y.</data>

<data key="d6">Oncogene</data>

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<data key="d6">Proc Natl Acad Sci U S A</data>

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<data key="d5">Kim SU, de Vellis J.</data>

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<data key="d5">Ong KK, Elks CE, Li S, Zhao JH, Luan J, Andersen LB, Bingham SA, Brage S, Smith GD, Ekelund U, Gillson CJ, Glaser B, Golding J, Hardy R, Khaw KT, Kuh D, Luben R, Marcus M, McGeehin MA, Ness AR, Northstone K, Ring SM, Rubin C, Sims MA, Song K, Strachan DP, Vollenweider P, Waeber G, Waterworth DM, Wong A, Deloukas P, Barroso I, Mooser V, Loos RJ, Wareham NJ.</data>

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<data key="d5">Hentze H, Soong PL, Wang ST, Phillips BW, Putti TC, Dunn NR.</data>

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<data key="d5">Jedrusik A, Parfitt DE, Guo G, Skamagki M, Grabarek JB, Johnson MH, Robson P, Zernicka-Goetz M.</data>

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<data key="d5">Augoff K, McCue B, Plow EF, Sossey-Alaoui K.</data>

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<data key="d5">Smit MA, Geiger TR, Song JY, Gitelman I, Peeper DS.</data>

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<data key="d5">Tsuji T, Ibaragi S, Shima K, Hu MG, Katsurano M, Sasaki A, Hu GF.</data>

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<data key="d5">Burk U, Schubert J, Wellner U, Schmalhofer O, Vincan E, Spaderna S, Brabletz T.</data>

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<data key="d5">Mali P, Aach J, Stranges PB, Esvelt KM, Moosburner M, Kosuri S, Yang L, Church GM.</data>

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<data key="d5">Clark VE, Erson-Omay EZ, Serin A, Yin J, Cotney J, Ozduman K, Avşar T, Li J, Murray PB, Henegariu O, Yilmaz S, Günel JM, Carrión-Grant G, Yilmaz B, Grady C, Tanrikulu B, Bakircioğlu M, Kaymakçalan H, Caglayan AO, Sencar L, Ceyhun E, Atik AF, Bayri Y, Bai H, Kolb LE, Hebert RM, Omay SB, Mishra-Gorur K, Choi M, Overton JD, Holland EC, Mane S, State MW, Bilgüvar K, Baehring JM, Gutin PH, Piepmeier JM, Vortmeyer A, Brennan CW, Pamir MN, Kiliç T, Lifton RP, Noonan JP, Yasuno K, Günel M.</data>

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<data key="d4">An expansive human regulatory lexicon encoded in transcription factor footprints.</data>

<data key="d5">Neph S, Vierstra J, Stergachis AB, Reynolds AP, Haugen E, Vernot B, Thurman RE, John S, Sandstrom R, Johnson AK, Maurano MT, Humbert R, Rynes E, Wang H, Vong S, Lee K, Bates D, Diegel M, Roach V, Dunn D, Neri J, Schafer A, Hansen RS, Kutyavin T, Giste E, Weaver M, Canfield T, Sabo P, Zhang M, Balasundaram G, Byron R, MacCoss MJ, Akey JM, Bender MA, Groudine M, Kaul R, Stamatoyannopoulos JA.</data>

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<data key="d5">Ma L, Hu B, Liu Y, Vermilyea SC, Liu H, Gao L, Sun Y, Zhang X, Zhang SC.</data>

<data key="d6">Cell Stem Cell</data>

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<data key="d5">Schwartz SD, Hubschman JP, Heilwell G, Franco-Cardenas V, Pan CK, Ostrick RM, Mickunas E, Gay R, Klimanskaya I, Lanza R.</data>

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<data key="d5">Koch P, Breuer P, Peitz M, Jungverdorben J, Kesavan J, Poppe D, Doerr J, Ladewig J, Mertens J, Tüting T, Hoffmann P, Klockgether T, Evert BO, Wüllner U, Brüstle O.</data>

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<data key="d4">Estimating the risk of drug-induced proarrhythmia using human induced pluripotent stem cell-derived cardiomyocytes.</data>

<data key="d5">Guo L, Abrams RM, Babiarz JE, Cohen JD, Kameoka S, Sanders MJ, Chiao E, Kolaja KL.</data>

<data key="d6">Toxicol Sci</data>

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<data key="d5">Liu K, Tedeschi A, Park KK, He Z.</data>

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<data key="d5">Muotri AR, Marchetto MC, Coufal NG, Oefner R, Yeo G, Nakashima K, Gage FH.</data>

<data key="d6">Nature</data>

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<data key="d5">Salem HK, Thiemermann C.</data>

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<data key="d5">Lu TK, Khalil AS, Collins JJ.</data>

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<data key="d5">Saigusa S, Tanaka K, Toiyama Y, Yokoe T, Okugawa Y, Ioue Y, Miki C, Kusunoki M.</data>

<data key="d6">Ann Surg Oncol</data>

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<data key="d5">Zhang K, Li JB, Gao Y, Egli D, Xie B, Deng J, Li Z, Lee JH, Aach J, Leproust EM, Eggan K, Church GM.</data>

<data key="d6">Nat Methods</data>

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<data key="d4">Characterization of a naturally occurring breast cancer subset enriched in epithelial-to-mesenchymal transition and stem cell characteristics.</data>

<data key="d5">Hennessy BT, Gonzalez-Angulo AM, Stemke-Hale K, Gilcrease MZ, Krishnamurthy S, Lee JS, Fridlyand J, Sahin A, Agarwal R, Joy C, Liu W, Stivers D, Baggerly K, Carey M, Lluch A, Monteagudo C, He X, Weigman V, Fan C, Palazzo J, Hortobagyi GN, Nolden LK, Wang NJ, Valero V, Gray JW, Perou CM, Mills GB.</data>

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<data key="d4">Lentiviral vectors and protocols for creation of stable hESC lines for fluorescent tracking and drug resistance selection of cardiomyocytes.</data>

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<data key="d5">Yamashita T, Ji J, Budhu A, Forgues M, Yang W, Wang HY, Jia H, Ye Q, Qin LX, Wauthier E, Reid LM, Minato H, Honda M, Kaneko S, Tang ZY, Wang XW.</data>

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<data key="d5">Eiraku M, Watanabe K, Matsuo-Takasaki M, Kawada M, Yonemura S, Matsumura M, Wataya T, Nishiyama A, Muguruma K, Sasai Y.</data>

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<data key="d4">Differentiation and transplantation of human embryonic stem cell-derived hepatocytes.</data>

<data key="d5">Basma H, Soto-Gutiérrez A, Yannam GR, Liu L, Ito R, Yamamoto T, Ellis E, Carson SD, Sato S, Chen Y, Muirhead D, Navarro-Alvarez N, Wong RJ, Roy-Chowdhury J, Platt JL, Mercer DF, Miller JD, Strom SC, Kobayashi N, Fox IJ.</data>

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<data key="d5">Dejosez M, Krumenacker JS, Zitur LJ, Passeri M, Chu LF, Songyang Z, Thomson JA, Zwaka TP.</data>

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<data key="d5">Feng R, Desbordes SC, Xie H, Tillo ES, Pixley F, Stanley ER, Graf T.</data>

<data key="d6">Proc Natl Acad Sci U S A</data>

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<data key="d5">Osakada F, Ikeda H, Mandai M, Wataya T, Watanabe K, Yoshimura N, Akaike A, Sasai Y, Takahashi M.</data>

<data key="d6">Nat Biotechnol</data>

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<data key="d4">Functional skeletal muscle regeneration from differentiating embryonic stem cells.</data>

<data key="d5">Darabi R, Gehlbach K, Bachoo RM, Kamath S, Osawa M, Kamm KE, Kyba M, Perlingeiro RC.</data>

<data key="d6">Nat Med</data>

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<data key="d4">A brief definition of regenerative medicine.</data>

<data key="d5">Mason C, Dunnill P.</data>

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<data key="d5">Plass C, Pfister SM, Lindroth AM, Bogatyrova O, Claus R, Lichter P.</data>

<data key="d6">Nat Rev Genet</data>

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<data key="d4">Potent inhibition of DOT1L as treatment of MLL-fusion leukemia.</data>

<data key="d5">Daigle SR, Olhava EJ, Therkelsen CA, Basavapathruni A, Jin L, Boriack-Sjodin PA, Allain CJ, Klaus CR, Raimondi A, Scott MP, Waters NJ, Chesworth R, Moyer MP, Copeland RA, Richon VM, Pollock RM.</data>

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<data key="d4">The MLL recombinome of acute leukemias in 2013.</data>

<data key="d5">Meyer C, Hofmann J, Burmeister T, Gröger D, Park TS, Emerenciano M, Pombo de Oliveira M, Pombo de Oliveira M, Renneville A, Villarese P, Macintyre E, Cavé H, Clappier E, Mass-Malo K, Zuna J, Trka J, De Braekeleer E, De Braekeleer M, Oh SH, Tsaur G, Fechina L, van der Velden VH, van Dongen JJ, Delabesse E, Binato R, Silva ML, Kustanovich A, Aleinikova O, Harris MH, Lund-Aho T, Juvonen V, Heidenreich O, Vormoor J, Choi WW, Jarosova M, Kolenova A, Bueno C, Menendez P, Wehner S, Eckert C, Talmant P, Tondeur S, Lippert E, Launay E, Henry C, Ballerini P, Lapillone H, Callanan MB, Cayuela JM, Herbaux C, Cazzaniga G, Kakadiya PM, Bohlander S, Ahlmann M, Choi JR, Gameiro P, Lee DS, Krauter J, Cornillet-Lefebvre P, Te Kronnie G, Schäfer BW, Kubetzko S, Alonso CN, zur Stadt U, Sutton R, Venn NC, Izraeli S, Trakhtenbrot L, Madsen HO, Archer P, Hancock J, Cerveira N, Teixeira MR, Lo Nigro L, Möricke A, Stanulla M, Schrappe M, Sedék L, Szczepański T, Zwaan CM, Coenen EA, van den Heuvel-Eibrink MM, Strehl S, Dworzak M, Panzer-Grümayer R, Dingermann T, Klingebiel T, Marschalek R.</data>

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<data key="d4">The role of mutations in epigenetic regulators in myeloid malignancies.</data>

<data key="d5">Shih AH, Abdel-Wahab O, Patel JP, Levine RL.</data>

<data key="d6">Nat Rev Cancer</data>

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<data key="d4">IDH mutation impairs histone demethylation and results in a block to cell differentiation.</data>

<data key="d5">Lu C, Ward PS, Kapoor GS, Rohle D, Turcan S, Abdel-Wahab O, Edwards CR, Khanin R, Figueroa ME, Melnick A, Wellen KE, O'Rourke DM, Berger SL, Chan TA, Levine RL, Mellinghoff IK, Thompson CB.</data>

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<data key="d4">Menin-MLL inhibitors reverse oncogenic activity of MLL fusion proteins in leukemia.</data>

<data key="d5">Grembecka J, He S, Shi A, Purohit T, Muntean AG, Sorenson RJ, Showalter HD, Murai MJ, Belcher AM, Hartley T, Hess JL, Cierpicki T.</data>

<data key="d6">Nat Chem Biol</data>

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<data key="d4">The pathogenesis of mixed-lineage leukemia.</data>

<data key="d5">Muntean AG, Hess JL.</data>

<data key="d6">Annu Rev Pathol</data>

<data key="d7">2012</data>

<data key="d8">7</data>

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<data key="d4">Inhibition of BET recruitment to chromatin as an effective treatment for MLL-fusion leukaemia.</data>

<data key="d5">Dawson MA, Prinjha RK, Dittmann A, Giotopoulos G, Bantscheff M, Chan WI, Robson SC, Chung CW, Hopf C, Savitski MM, Huthmacher C, Gudgin E, Lugo D, Beinke S, Chapman TD, Roberts EJ, Soden PE, Auger KR, Mirguet O, Doehner K, Delwel R, Burnett AK, Jeffrey P, Drewes G, Lee K, Huntly BJ, Kouzarides T.</data>

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<data key="d4">Analysis of the coding genome of diffuse large B-cell lymphoma.</data>

<data key="d5">Pasqualucci L, Trifonov V, Fabbri G, Ma J, Rossi D, Chiarenza A, Wells VA, Grunn A, Messina M, Elliot O, Chan J, Bhagat G, Chadburn A, Gaidano G, Mullighan CG, Rabadan R, Dalla-Favera R.</data>

<data key="d6">Nat Genet</data>

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<data key="d4">MLL-rearranged leukemia is dependent on aberrant H3K79 methylation by DOT1L.</data>

<data key="d5">Bernt KM, Zhu N, Sinha AU, Vempati S, Faber J, Krivtsov AV, Feng Z, Punt N, Daigle A, Bullinger L, Pollock RM, Richon VM, Kung AL, Armstrong SA.</data>

<data key="d6">Cancer Cell</data>

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<data key="d4">Selective killing of mixed lineage leukemia cells by a potent small-molecule DOT1L inhibitor.</data>

<data key="d5">Daigle SR, Olhava EJ, Therkelsen CA, Majer CR, Sneeringer CJ, Song J, Johnston LD, Scott MP, Smith JJ, Xiao Y, Jin L, Kuntz KW, Chesworth R, Moyer MP, Bernt KM, Tseng JC, Kung AL, Armstrong SA, Copeland RA, Richon VM, Pollock RM.</data>

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<data key="d4">The diverse functions of Dot1 and H3K79 methylation.</data>

<data key="d5">Nguyen AT, Zhang Y.</data>

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<data key="d4">Key pathways are frequently mutated in high-risk childhood acute lymphoblastic leukemia: a report from the Children's Oncology Group.</data>

<data key="d5">Zhang J, Mullighan CG, Harvey RC, Wu G, Chen X, Edmonson M, Buetow KH, Carroll WL, Chen IM, Devidas M, Gerhard DS, Loh ML, Reaman GH, Relling MV, Camitta BM, Bowman WP, Smith MA, Willman CL, Downing JR, Hunger SP.</data>

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<data key="d4">The MMSET histone methyl transferase switches global histone methylation and alters gene expression in t(4;14) multiple myeloma cells.</data>

<data key="d5">Martinez-Garcia E, Popovic R, Min DJ, Sweet SM, Thomas PM, Zamdborg L, Heffner A, Will C, Lamy L, Staudt LM, Levens DL, Kelleher NL, Licht JD.</data>

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<data key="d4">A temporarily distinct subpopulation of slow-cycling melanoma cells is required for continuous tumor growth.</data>

<data key="d5">Roesch A, Fukunaga-Kalabis M, Schmidt EC, Zabierowski SE, Brafford PA, Vultur A, Basu D, Gimotty P, Vogt T, Herlyn M.</data>

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<data key="d4">MLL-AF9-induced leukemogenesis requires coexpression of the wild-type Mll allele.</data>

<data key="d5">Thiel AT, Blessington P, Zou T, Feather D, Wu X, Yan J, Zhang H, Liu Z, Ernst P, Koretzky GA, Hua X.</data>

<data key="d6">Cancer Cell</data>

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<data key="d4">A higher-order complex containing AF4 and ENL family proteins with P-TEFb facilitates oncogenic and physiologic MLL-dependent transcription.</data>

<data key="d5">Yokoyama A, Lin M, Naresh A, Kitabayashi I, Cleary ML.</data>

<data key="d6">Cancer Cell</data>

<data key="d7">2010</data>

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<data key="d4">Histone H3 lysine 4 (H3K4) methylation in development and differentiation.</data>

<data key="d5">Eissenberg JC, Shilatifard A.</data>

<data key="d6">Dev Biol</data>

<data key="d7">2010</data>

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<data key="d4">New insights to the MLL recombinome of acute leukemias.</data>

<data key="d5">Meyer C, Kowarz E, Hofmann J, Renneville A, Zuna J, Trka J, Ben Abdelali R, Macintyre E, De Braekeleer E, De Braekeleer M, Delabesse E, de Oliveira MP, Cavé H, Clappier E, van Dongen JJ, Balgobind BV, van den Heuvel-Eibrink MM, Beverloo HB, Panzer-Grümayer R, Teigler-Schlegel A, Harbott J, Kjeldsen E, Schnittger S, Koehl U, Gruhn B, Heidenreich O, Chan LC, Yip SF, Krzywinski M, Eckert C, Möricke A, Schrappe M, Alonso CN, Schäfer BW, Krauter J, Lee DA, Zur Stadt U, Te Kronnie G, Sutton R, Izraeli S, Trakhtenbrot L, Lo Nigro L, Tsaur G, Fechina L, Szczepanski T, Strehl S, Ilencikova D, Molkentin M, Burmeister T, Dingermann T, Klingebiel T, Marschalek R.</data>

<data key="d6">Leukemia</data>

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<data key="d5">Faber J, Krivtsov AV, Stubbs MC, Wright R, Davis TN, van den Heuvel-Eibrink M, Zwaan CM, Kung AL, Armstrong SA.</data>

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<data key="d5">Guenther MG, Lawton LN, Rozovskaia T, Frampton GM, Levine SS, Volkert TL, Croce CM, Nakamura T, Canaani E, Young RA.</data>

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<data key="d5">Krivtsov AV, Feng Z, Lemieux ME, Faber J, Vempati S, Sinha AU, Xia X, Jesneck J, Bracken AP, Silverman LB, Kutok JL, Kung AL, Armstrong SA.</data>

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<data key="d5">Wu M, Wang PF, Lee JS, Martin-Brown S, Florens L, Washburn M, Shilatifard A.</data>

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<data key="d5">Chen W, Kumar AR, Hudson WA, Li Q, Wu B, Staggs RA, Lund EA, Sam TN, Kersey JH.</data>

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<data key="d5">Steger DJ, Lefterova MI, Ying L, Stonestrom AJ, Schupp M, Zhuo D, Vakoc AL, Kim JE, Chen J, Lazar MA, Blobel GA, Vakoc CR.</data>

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<data key="d5">Dhayalan A, Rajavelu A, Rathert P, Tamas R, Jurkowska RZ, Ragozin S, Jeltsch A.</data>

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<data key="d5">Rui L, Emre NC, Kruhlak MJ, Chung HJ, Steidl C, Slack G, Wright GW, Lenz G, Ngo VN, Shaffer AL, Xu W, Zhao H, Yang Y, Lamy L, Davis RE, Xiao W, Powell J, Maloney D, Thomas CJ, Möller P, Rosenwald A, Ott G, Muller-Hermelink HK, Savage K, Connors JM, Rimsza LM, Campo E, Jaffe ES, Delabie J, Smeland EB, Weisenburger DD, Chan WC, Gascoyne RD, Levens D, Staudt LM.</data>

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<data key="d5">Groner AC, Meylan S, Ciuffi A, Zangger N, Ambrosini G, Dénervaud N, Bucher P, Trono D.</data>

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<data key="d5">Krieg AJ, Rankin EB, Chan D, Razorenova O, Fernandez S, Giaccia AJ.</data>

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<data key="d5">Beyer S, Kristensen MM, Jensen KS, Johansen JV, Staller P.</data>

<data key="d6">J Biol Chem</data>

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<data key="d5">Zheng Q, Wang XJ.</data>

<data key="d6">Nucleic Acids Res</data>

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<data key="d5">Graumann J, Hubner NC, Kim JB, Ko K, Moser M, Kumar C, Cox J, Schöler H, Mann M.</data>

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<data key="d5">Krueger BJ, Jeronimo C, Roy BB, Bouchard A, Barrandon C, Byers SA, Searcey CE, Cooper JJ, Bensaude O, Cohen EA, Coulombe B, Price DH.</data>

<data key="d6">Nucleic Acids Res</data>

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<data key="d5">Barash Y, Calarco JA, Gao W, Pan Q, Wang X, Shai O, Blencowe BJ, Frey BJ.</data>

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<data key="d6">Mol Cell Biol</data>

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<data key="d4">The three SoxC proteins--Sox4, Sox11 and Sox12--exhibit overlapping expression patterns and molecular properties.</data>

<data key="d5">Dy P, Penzo-Méndez A, Wang H, Pedraza CE, Macklin WB, Lefebvre V.</data>

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<data key="d5">Gontan C, de Munck A, Vermeij M, Grosveld F, Tibboel D, Rottier R.</data>

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<data key="d5">Saunders LR, Sharma AD, Tawney J, Nakagawa M, Okita K, Yamanaka S, Willenbring H, Verdin E.</data>

<data key="d6">Aging (Albany NY)</data>

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<data key="d5">Cobaleda C, Jochum W, Busslinger M.</data>

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<data key="d5">Kuhn NZ, Tuan RS.</data>

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<data key="d5">Ross EA, Williams MJ, Hamazaki T, Terada N, Clapp WL, Adin C, Ellison GW, Jorgensen M, Batich CD.</data>

<data key="d6">J Am Soc Nephrol</data>

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<data key="d5">Bloushtain-Qimron N, Yao J, Snyder EL, Shipitsin M, Campbell LL, Mani SA, Hu M, Chen H, Ustyansky V, Antosiewicz JE, Argani P, Halushka MK, Thomson JA, Pharoah P, Porgador A, Sukumar S, Parsons R, Richardson AL, Stampfer MR, Gelman RS, Nikolskaya T, Nikolsky Y, Polyak K.</data>

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<data key="d5">Medina PP, Romero OA, Kohno T, Montuenga LM, Pio R, Yokota J, Sanchez-Cespedes M.</data>

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<data key="d5">Xiong Y, Mahmood A, Chopp M.</data>

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<data key="d5">Fouse SD, Shen Y, Pellegrini M, Cole S, Meissner A, Van Neste L, Jaenisch R, Fan G.</data>

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<data key="d4">The Arp2/3 complex is required for lamellipodia extension and directional fibroblast cell migration.</data>

<data key="d5">Suraneni P, Rubinstein B, Unruh JR, Durnin M, Hanein D, Li R.</data>

<data key="d6">J Cell Biol</data>

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<data key="d4">MicroRNA-125b promotes neuronal differentiation in human cells by repressing multiple targets.</data>

<data key="d5">Le MT, Xie H, Zhou B, Chia PH, Rizk P, Um M, Udolph G, Yang H, Lim B, Lodish HF.</data>

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<data key="d5">Wood-Kaczmar A, Gandhi S, Yao Z, Abramov AY, Miljan EA, Keen G, Stanyer L, Hargreaves I, Klupsch K, Deas E, Downward J, Mansfield L, Jat P, Taylor J, Heales S, Duchen MR, Latchman D, Tabrizi SJ, Wood NW.</data>

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<data key="d4">Production of offspring from a germline stem cell line derived from neonatal ovaries.</data>

<data key="d5">Zou K, Yuan Z, Yang Z, Luo H, Sun K, Zhou L, Xiang J, Shi L, Yu Q, Zhang Y, Hou R, Wu J.</data>

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<data key="d4">Molecular coupling of Xist regulation and pluripotency.</data>

<data key="d5">Navarro P, Chambers I, Karwacki-Neisius V, Chureau C, Morey C, Rougeulle C, Avner P.</data>

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<data key="d5">Thorburn AN, McKenzie CI, Shen S, Stanley D, Macia L, Mason LJ, Roberts LK, Wong CH, Shim R, Robert R, Chevalier N, Tan JK, Mariño E, Moore RJ, Wong L, McConville MJ, Tull DL, Wood LG, Murphy VE, Mattes J, Gibson PG, Mackay CR.</data>

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<data key="d4">Charting a dynamic DNA methylation landscape of the human genome.</data>

<data key="d5">Ziller MJ, Gu H, Müller F, Donaghey J, Tsai LT, Kohlbacher O, De Jager PL, Rosen ED, Bennett DA, Bernstein BE, Gnirke A, Meissner A.</data>

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<data key="d4">Sex-specific epigenetic disruption and behavioral changes following low-dose in utero bisphenol A exposure.</data>

<data key="d5">Kundakovic M, Gudsnuk K, Franks B, Madrid J, Miller RL, Perera FP, Champagne FA.</data>

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<data key="d4">Distinct memory CD4+ T cells with commitment to T follicular helper- and T helper 1-cell lineages are generated after acute viral infection.</data>

<data key="d5">Hale JS, Youngblood B, Latner DR, Mohammed AU, Ye L, Akondy RS, Wu T, Iyer SS, Ahmed R.</data>

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<data key="d4">Impact of an exercise intervention on DNA methylation in skeletal muscle from first-degree relatives of patients with type 2 diabetes.</data>

<data key="d5">Nitert MD, Dayeh T, Volkov P, Elgzyri T, Hall E, Nilsson E, Yang BT, Lang S, Parikh H, Wessman Y, Weishaupt H, Attema J, Abels M, Wierup N, Almgren P, Jansson PA, Rönn T, Hansson O, Eriksson KF, Groop L, Ling C.</data>

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<data key="d5">Jakovcevski M, Akbarian S.</data>

<data key="d6">Nat Med</data>

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<data key="d5">Joubert BR, Håberg SE, Nilsen RM, Wang X, Vollset SE, Murphy SK, Huang Z, Hoyo C, Midttun Ø, Cupul-Uicab LA, Ueland PM, Wu MC, Nystad W, Bell DA, Peddada SD, London SJ.</data>

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<data key="d4">Age-associated DNA methylation in pediatric populations.</data>

<data key="d5">Alisch RS, Barwick BG, Chopra P, Myrick LK, Satten GA, Conneely KN, Warren ST.</data>

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<data key="d5">Huang HS, Allen JA, Mabb AM, King IF, Miriyala J, Taylor-Blake B, Sciaky N, Dutton JW, Lee HM, Chen X, Jin J, Bridges AS, Zylka MJ, Roth BL, Philpot BD.</data>

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<data key="d5">Quenneville S, Verde G, Corsinotti A, Kapopoulou A, Jakobsson J, Offner S, Baglivo I, Pedone PV, Grimaldi G, Riccio A, Trono D.</data>

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<data key="d5">Watanabe T, Chuma S, Yamamoto Y, Kuramochi-Miyagawa S, Totoki Y, Toyoda A, Hoki Y, Fujiyama A, Shibata T, Sado T, Noce T, Nakano T, Nakatsuji N, Lin H, Sasaki H.</data>

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<data key="d5">Zhang Y, Jurkowska R, Soeroes S, Rajavelu A, Dhayalan A, Bock I, Rathert P, Brandt O, Reinhardt R, Fischle W, Jeltsch A.</data>

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<data key="d5">Hodges E, Smith AD, Kendall J, Xuan Z, Ravi K, Rooks M, Zhang MQ, Ye K, Bhattacharjee A, Brizuela L, McCombie WR, Wigler M, Hannon GJ, Hicks JB.</data>

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<data key="d5">Ishii M, Wen H, Corsa CA, Liu T, Coelho AL, Allen RM, Carson WF, Cavassani KA, Li X, Lukacs NW, Hogaboam CM, Dou Y, Kunkel SL.</data>

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<data key="d5">Tahiliani M, Koh KP, Shen Y, Pastor WA, Bandukwala H, Brudno Y, Agarwal S, Iyer LM, Liu DR, Aravind L, Rao A.</data>

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<data key="d5">Lister R, Ecker JR.</data>

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<data key="d4">DNA demethylation in zebrafish involves the coupling of a deaminase, a glycosylase, and gadd45.</data>

<data key="d5">Rai K, Huggins IJ, James SR, Karpf AR, Jones DA, Cairns BR.</data>

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<data key="d6">Am J Med Genet B Neuropsychiatr Genet</data>

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<data key="d6">Mol Cell</data>

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<data key="d5">Beck S, Rakyan VK.</data>

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<data key="d5">Renault VM, Rafalski VA, Morgan AA, Salih DA, Brett JO, Webb AE, Villeda SA, Thekkat PU, Guillerey C, Denko NC, Palmer TD, Butte AJ, Brunet A.</data>

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<data key="d5">Soeda A, Park M, Lee D, Mintz A, Androutsellis-Theotokis A, McKay RD, Engh J, Iwama T, Kunisada T, Kassam AB, Pollack IF, Park DM.</data>

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<data key="d5">Hirabayashi Y, Suzki N, Tsuboi M, Endo TA, Toyoda T, Shinga J, Koseki H, Vidal M, Gotoh Y.</data>

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<data key="d5">Carro MS, Lim WK, Alvarez MJ, Bollo RJ, Zhao X, Snyder EY, Sulman EP, Anne SL, Doetsch F, Colman H, Lasorella A, Aldape K, Califano A, Iavarone A.</data>

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<data key="d5">Hajkova P, Jeffries SJ, Lee C, Miller N, Jackson SP, Surani MA.</data>

<data key="d6">Science</data>

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<data key="d5">Brock A, Chang H, Huang S.</data>

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<data key="d5">Cui K, Zang C, Roh TY, Schones DE, Childs RW, Peng W, Zhao K.</data>

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<data key="d4">Dynamic equilibrium and heterogeneity of mouse pluripotent stem cells with distinct functional and epigenetic states.</data>

<data key="d5">Hayashi K, de Sousa Lopes SMC, Tang F, Lao K, Surani MA.</data>

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<data key="d4">ES cell pluripotency and germ-layer formation require the SWI/SNF chromatin remodeling component BAF250a.</data>

<data key="d5">Gao X, Tate P, Hu P, Tjian R, Skarnes WC, Wang Z.</data>

<data key="d6">Proc Natl Acad Sci U S A</data>

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<data key="d5">Dechat T, Pfleghaar K, Sengupta K, Shimi T, Shumaker DK, Solimando L, Goldman RD.</data>

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<data key="d5">Puschendorf M, Terranova R, Boutsma E, Mao X, Isono K, Brykczynska U, Kolb C, Otte AP, Koseki H, Orkin SH, van Lohuizen M, Peters AH.</data>

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<data key="d5">Houshdaran S, Cortessis VK, Siegmund K, Yang A, Laird PW, Sokol RZ.</data>

<data key="d6">PLoS One</data>

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<data key="d4">Whole-genome mapping of histone H3 Lys4 and 27 trimethylations reveals distinct genomic compartments in human embryonic stem cells.</data>

<data key="d5">Zhao XD, Han X, Chew JL, Liu J, Chiu KP, Choo A, Orlov YL, Sung WK, Shahab A, Kuznetsov VA, Bourque G, Oh S, Ruan Y, Ng HH, Wei CL.</data>

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<data key="d4">UTX and JMJD3 are histone H3K27 demethylases involved in HOX gene regulation and development.</data>

<data key="d5">Agger K, Cloos PA, Christensen J, Pasini D, Rose S, Rappsilber J, Issaeva I, Canaani E, Salcini AE, Helin K.</data>

<data key="d6">Nature</data>

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<data key="d4">Genome-wide maps of chromatin state in pluripotent and lineage-committed cells.</data>

<data key="d5">Mikkelsen TS, Ku M, Jaffe DB, Issac B, Lieberman E, Giannoukos G, Alvarez P, Brockman W, Kim TK, Koche RP, Lee W, Mendenhall E, O'Donovan A, Presser A, Russ C, Xie X, Meissner A, Wernig M, Jaenisch R, Nusbaum C, Lander ES, Bernstein BE.</data>

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<data key="d4">New cell lines from mouse epiblast share defining features with human embryonic stem cells.</data>

<data key="d5">Tesar PJ, Chenoweth JG, Brook FA, Davies TJ, Evans EP, Mack DL, Gardner RL, McKay RD.</data>

<data key="d6">Nature</data>

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<data key="d4">Dietary histone deacetylase inhibitors: from cells to mice to man.</data>

<data key="d5">Dashwood RH, Ho E.</data>

<data key="d6">Semin Cancer Biol</data>

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<data key="d4">The meaning, the sense and the significance: translating the science of mesenchymal stem cells into medicine.</data>

<data key="d5">Bianco P, Cao X, Frenette PS, Mao JJ, Robey PG, Simmons PJ, Wang CY.</data>

<data key="d6">Nat Med</data>

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<data key="d4">Canonical and alternate functions of the microRNA biogenesis machinery.</data>

<data key="d5">Chong MM, Zhang G, Cheloufi S, Neubert TA, Hannon GJ, Littman DR.</data>

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