

NODE1X	GENE1685X	GENE1684X	1
NODE2X	GENE1687X	GENE1686X	1
NODE3X	NODE2X	NODE1X	1
NODE4X	GENE2965X	GENE2964X	0.99951171875
NODE5X	GENE404X	GENE403X	0.99908447265625
NODE6X	GENE400X	GENE399X	0.99847412109375
NODE7X	GENE376X	GENE375X	0.99822998046875
NODE8X	GENE454X	GENE453X	0.9979248046875
NODE9X	GENE29X	GENE28X	0.9976806640625
NODE10X	GENE405X	NODE5X	0.9976806640625
NODE11X	GENE2897X	GENE2896X	0.99761962890625
NODE12X	GENE462X	GENE461X	0.99749755859375
NODE13X	GENE368X	GENE367X	0.9974365234375
NODE14X	GENE27X	GENE26X	0.99737548828125
NODE15X	GENE402X	GENE401X	0.997314453125
NODE16X	GENE460X	GENE459X	0.997314453125
NODE17X	GENE1127X	GENE1126X	0.997314453125
NODE18X	GENE408X	GENE407X	0.99725341796875
NODE19X	GENE8X	GENE7X	0.99713134765625
NODE20X	GENE128X	GENE127X	0.99688720703125
NODE21X	GENE138X	GENE137X	0.996826171875
NODE22X	GENE425X	GENE424X	0.996826171875
NODE23X	GENE452X	GENE451X	0.996826171875
NODE24X	GENE2607X	GENE2606X	0.996826171875
NODE25X	GENE103X	GENE102X	0.9967041015625
NODE26X	GENE414X	GENE413X	0.9967041015625
NODE27X	GENE2771X	GENE2770X	0.99664306640625
NODE28X	NODE15X	NODE6X	0.99664306640625
NODE29X	GENE136X	GENE135X	0.99658203125
NODE30X	GENE383X	GENE382X	0.99658203125
NODE31X	GENE2862X	GENE2861X	0.99658203125
NODE32X	GENE352X	GENE351X	0.99652099609375
NODE33X	GENE140X	GENE139X	0.9964599609375
NODE34X	GENE361X	GENE360X	0.9964599609375
NODE35X	GENE423X	GENE422X	0.9964599609375
NODE36X	GENE385X	GENE384X	0.99639892578125
NODE37X	GENE280X	GENE279X	0.9962158203125
NODE38X	GENE377X	NODE7X	0.99615478515625
NODE39X	GENE2817X	GENE2816X	0.99615478515625
NODE40X	GENE1125X	GENE431X	0.99609375
NODE41X	GENE2708X	GENE2707X	0.99609375
NODE42X	GENE100X	GENE99X	0.9959716796875
NODE43X	GENE235X	GENE234X	0.9959716796875
NODE44X	GENE2963X	GENE2962X	0.9959716796875
NODE45X	GENE355X	GENE354X	0.99591064453125
NODE46X	GENE406X	NODE10X	0.99591064453125
NODE47X	GENE2849X	GENE2848X	0.99591064453125
NODE48X	GENE1309X	GENE1308X	0.9957275390625
NODE49X	GENE116X	GENE115X	0.99560546875
NODE50X	GENE411X	GENE410X	0.99560546875
NODE51X	GENE346X	GENE345X	0.99554443359375
NODE52X	GENE106X	GENE105X	0.9954833984375
NODE53X	GENE246X	GENE245X	0.9954833984375
NODE54X	GENE374X	GENE373X	0.9954833984375
NODE55X	GENE409X	NODE18X	0.9954833984375
NODE56X	GENE449X	GENE448X	0.9954833984375
NODE57X	NODE17X	GENE1124X	0.9954833984375

NODE58X	GENE2758X	GENE2757X	0.9954833984375
NODE59X	GENE131X	GENE130X	0.995361328125
NODE60X	GENE417X	GENE416X	0.99530029296875
NODE61X	GENE710X	GENE709X	0.99530029296875
NODE62X	GENE369X	NODE13X	0.99530029296875
NODE63X	GENE31X	GENE30X	0.9952392578125
NODE64X	GENE1042X	GENE1041X	0.9952392578125
NODE65X	GENE1134X	GENE1133X	0.9952392578125
NODE66X	GENE1307X	GENE1306X	0.9952392578125
NODE67X	GENE2919X	GENE2918X	0.9952392578125
NODE68X	NODE22X	NODE35X	0.9952392578125
NODE69X	GENE18X	NODE19X	0.99517822265625
NODE70X	GENE343X	GENE342X	0.99517822265625
NODE71X	GENE2684X	GENE2683X	0.99517822265625
NODE72X	GENE2792X	GENE2791X	0.9951171875
NODE73X	GENE1119X	GENE1118X	0.9949951171875
NODE74X	GENE365X	GENE364X	0.99493408203125
NODE75X	GENE2748X	GENE2747X	0.99493408203125
NODE76X	GENE1021X	GENE1020X	0.994873046875
NODE77X	GENE21X	GENE17X	0.99481201171875
NODE78X	GENE1117X	GENE1116X	0.99481201171875
NODE79X	GENE2043X	GENE2042X	0.99481201171875
NODE80X	GENE2786X	GENE2785X	0.99481201171875
NODE81X	GENE213X	GENE212X	0.99468994140625
NODE82X	GENE387X	GENE386X	0.99468994140625
NODE83X	GENE1030X	GENE1029X	0.99468994140625
NODE84X	GENE2789X	GENE2788X	0.99468994140625
NODE85X	GENE109X	GENE108X	0.99456787109375
NODE86X	GENE146X	GENE145X	0.99456787109375
NODE87X	GENE1316X	GENE1315X	0.99456787109375
NODE88X	GENE35X	GENE34X	0.9945068359375
NODE89X	GENE480X	GENE479X	0.9945068359375
NODE90X	GENE493X	GENE492X	0.9945068359375
NODE91X	GENE2828X	GENE2827X	0.99444580078125
NODE92X	GENE1022X	NODE76X	0.99444580078125
NODE93X	GENE39X	GENE38X	0.99432373046875
NODE94X	GENE118X	GENE117X	0.9942626953125
NODE95X	GENE372X	GENE371X	0.9942626953125
NODE96X	GENE2007X	GENE2006X	0.9942626953125
NODE97X	NODE21X	NODE29X	0.9942626953125
NODE98X	GENE267X	GENE266X	0.994140625
NODE99X	GENE380X	GENE379X	0.994140625
NODE100X	GENE2905X	GENE2904X	0.994140625
NODE101X	GENE84X	GENE83X	0.99407958984375
NODE102X	GENE306X	GENE305X	0.99407958984375
NODE103X	GENE2915X	GENE2914X	0.99407958984375
NODE104X	GENE165X	GENE164X	0.99395751953125
NODE105X	GENE233X	GENE232X	0.99395751953125
NODE106X	GENE347X	NODE51X	0.99395751953125
NODE107X	GENE1035X	GENE1034X	0.99395751953125
NODE108X	GENE20X	GENE19X	0.993896484375
NODE109X	GENE120X	GENE119X	0.993896484375
NODE110X	GENE282X	GENE281X	0.993896484375
NODE111X	GENE358X	GENE357X	0.993896484375
NODE112X	GENE455X	NODE8X	0.993896484375
NODE113X	GENE1197X	GENE1196X	0.993896484375
NODE114X	GENE143X	GENE142X	0.99383544921875

NODE115X	NODE45X	GENE353X	0.99383544921875
NODE116X	GENE458X	GENE457X	0.99383544921875
NODE117X	GENE169X	GENE168X	0.9937744140625
NODE118X	GENE1033X	GENE1032X	0.99371337890625
NODE119X	GENE2572X	GENE2571X	0.99365234375
NODE120X	GENE93X	GENE92X	0.99359130859375
NODE121X	GENE421X	GENE420X	0.99359130859375
NODE122X	GENE1305X	GENE1304X	0.99359130859375
NODE123X	NODE46X	NODE28X	0.99359130859375
NODE124X	GENE396X	GENE395X	0.9935302734375
NODE125X	GENE2806X	GENE2805X	0.9935302734375
NODE126X	GENE2868X	GENE2867X	0.9935302734375
NODE127X	GENE101X	NODE42X	0.99346923828125
NODE128X	GENE2075X	GENE2074X	0.99346923828125
NODE129X	GENE25X	GENE24X	0.993408203125
NODE130X	GENE54X	GENE53X	0.993408203125
NODE131X	GENE1015X	GENE1014X	0.993408203125
NODE132X	GENE1037X	GENE1036X	0.99334716796875
NODE133X	GENE339X	GENE338X	0.99322509765625
NODE134X	GENE478X	GENE477X	0.99322509765625
NODE135X	GENE2362X	GENE2361X	0.99322509765625
NODE136X	GENE309X	GENE308X	0.9931640625
NODE137X	GENE1688X	NODE3X	0.9931640625
NODE138X	GENE260X	GENE259X	0.99310302734375
NODE139X	GENE317X	GENE316X	0.99310302734375
NODE140X	GENE2142X	GENE2141X	0.99310302734375
NODE141X	GENE90X	GENE89X	0.9930419921875
NODE142X	GENE390X	GENE389X	0.9930419921875
NODE143X	NODE57X	GENE437X	0.9930419921875
NODE144X	GENE2889X	GENE2888X	0.9930419921875
NODE145X	GENE531X	GENE530X	0.99298095703125
NODE146X	GENE688X	GENE687X	0.99298095703125
NODE147X	GENE498X	GENE497X	0.992919921875
NODE148X	GENE1968X	GENE1967X	0.992919921875
NODE149X	GENE2823X	GENE2822X	0.992919921875
NODE150X	GENE330X	GENE329X	0.99285888671875
NODE151X	GENE2587X	GENE2586X	0.99285888671875
NODE152X	GENE905X	GENE904X	0.9927978515625
NODE153X	GENE95X	GENE94X	0.99273681640625
NODE154X	GENE278X	GENE277X	0.99273681640625
NODE155X	GENE349X	GENE348X	0.99273681640625
NODE156X	GENE528X	GENE527X	0.99273681640625
NODE157X	GENE2029X	GENE2028X	0.99273681640625
NODE158X	GENE2815X	GENE2761X	0.99273681640625
NODE159X	GENE717X	GENE716X	0.99267578125
NODE160X	GENE930X	GENE929X	0.99267578125
NODE161X	GENE2026X	GENE2025X	0.99267578125
NODE162X	NODE66X	NODE40X	0.99267578125
NODE163X	GENE370X	NODE62X	0.9925537109375
NODE164X	GENE515X	GENE514X	0.9925537109375
NODE165X	GENE533X	GENE532X	0.9925537109375
NODE166X	GENE2658X	GENE2657X	0.9925537109375
NODE167X	GENE87X	GENE86X	0.99249267578125
NODE168X	GENE415X	NODE26X	0.99249267578125
NODE169X	GENE2969X	GENE2968X	0.99249267578125
NODE170X	GENE2452X	GENE2451X	0.992431640625
NODE171X	GENE2672X	GENE2671X	0.992431640625

NODE172X	NODE97X	NODE14X	0.992431640625
NODE173X	GENE237X	GENE236X	0.99237060546875
NODE174X	GENE2195X	GENE2194X	0.99237060546875
NODE175X	GENE2576X	GENE2575X	0.99237060546875
NODE176X	GENE2580X	GENE2579X	0.99237060546875
NODE177X	GENE2941X	GENE2940X	0.99237060546875
NODE178X	NODE112X	NODE23X	0.99237060546875
NODE179X	GENE254X	GENE253X	0.9923095703125
NODE180X	GENE1945X	GENE1944X	0.9923095703125
NODE181X	GENE1303X	GENE1302X	0.99224853515625
NODE182X	GENE388X	NODE82X	0.99224853515625
NODE183X	GENE304X	GENE303X	0.9921875
NODE184X	GENE323X	GENE322X	0.9921875
NODE185X	GENE444X	GENE432X	0.9921875
NODE186X	GENE511X	GENE510X	0.99212646484375
NODE187X	GENE2778X	GENE2777X	0.99212646484375
NODE188X	GENE207X	GENE206X	0.9920654296875
NODE189X	GENE2143X	NODE140X	0.9920654296875
NODE190X	GENE1018X	GENE1017X	0.99200439453125
NODE191X	GENE2050X	GENE2049X	0.99200439453125
NODE192X	GENE2790X	NODE84X	0.99200439453125
NODE193X	NODE53X	GENE244X	0.991943359375
NODE194X	GENE270X	GENE269X	0.991943359375
NODE195X	GENE302X	GENE301X	0.99188232421875
NODE196X	GENE525X	GENE524X	0.99188232421875
NODE197X	GENE1171X	GENE1170X	0.99188232421875
NODE198X	GENE2015X	GENE2014X	0.99188232421875
NODE199X	GENE2776X	GENE2775X	0.99188232421875
NODE200X	GENE2811X	GENE2810X	0.99188232421875
NODE201X	NODE48X	NODE162X	0.99188232421875
NODE202X	GENE5X	GENE4X	0.9918212890625
NODE203X	NODE32X	GENE350X	0.9918212890625
NODE204X	GENE434X	GENE433X	0.9918212890625
NODE205X	GENE2781X	GENE2780X	0.9918212890625
NODE206X	GENE132X	NODE59X	0.99176025390625
NODE207X	GENE362X	NODE34X	0.99169921875
NODE208X	GENE440X	GENE439X	0.99169921875
NODE209X	GENE2935X	GENE2934X	0.99169921875
NODE210X	NODE173X	NODE43X	0.99169921875
NODE211X	GENE123X	GENE122X	0.99163818359375
NODE212X	GENE483X	GENE482X	0.99163818359375
NODE213X	GENE537X	GENE536X	0.99163818359375
NODE214X	GENE2578X	GENE2577X	0.99163818359375
NODE215X	GENE1186X	GENE1185X	0.9915771484375
NODE216X	GENE1821X	GENE1820X	0.9915771484375
NODE217X	GENE2711X	GENE2710X	0.9915771484375
NODE218X	GENE48X	GENE47X	0.99151611328125
NODE219X	GENE1167X	GENE1166X	0.99151611328125
NODE220X	GENE88X	GENE9X	0.991455078125
NODE221X	GENE2700X	GENE2699X	0.991455078125
NODE222X	GENE2814X	GENE2813X	0.991455078125
NODE223X	GENE450X	NODE56X	0.99139404296875
NODE224X	GENE2563X	GENE2562X	0.99139404296875
NODE225X	NODE12X	NODE16X	0.99139404296875
NODE226X	NODE38X	NODE54X	0.99139404296875
NODE227X	GENE69X	GENE68X	0.9913330078125
NODE228X	GENE298X	GENE297X	0.9913330078125

NODE229X	GENE2660X	GENE2659X	0.9913330078125
NODE230X	GENE2899X	GENE2898X	0.9913330078125
NODE231X	NODE111X	GENE356X	0.99127197265625
NODE232X	GENE1139X	GENE1138X	0.99127197265625
NODE233X	GENE2600X	GENE2599X	0.99127197265625
NODE234X	NODE70X	GENE341X	0.99127197265625
NODE235X	GENE144X	NODE114X	0.99127197265625
NODE236X	NODE9X	NODE129X	0.9912109375
NODE237X	GENE366X	NODE74X	0.9912109375
NODE238X	GENE2637X	GENE2636X	0.99114990234375
NODE239X	GENE314X	GENE313X	0.9910888671875
NODE240X	GENE2787X	GENE2709X	0.9910888671875
NODE241X	GENE2887X	GENE2886X	0.9910888671875
NODE242X	GENE64X	GENE63X	0.99102783203125
NODE243X	GENE1165X	GENE1164X	0.99102783203125
NODE244X	GENE1927X	GENE1926X	0.99102783203125
NODE245X	GENE2948X	GENE2947X	0.99102783203125
NODE246X	GENE902X	GENE37X	0.990966796875
NODE247X	GENE2754X	GENE2753X	0.990966796875
NODE248X	GENE2796X	GENE2795X	0.990966796875
NODE249X	GENE2858X	GENE2857X	0.990966796875
NODE250X	GENE1273X	GENE1272X	0.99090576171875
NODE251X	NODE171X	GENE2670X	0.99090576171875
NODE252X	GENE398X	GENE397X	0.9908447265625
NODE253X	GENE1559X	GENE1558X	0.9908447265625
NODE254X	GENE238X	GENE32X	0.99078369140625
NODE255X	GENE2048X	GENE2047X	0.99072265625
NODE256X	GENE2582X	GENE2581X	0.99072265625
NODE257X	NODE212X	GENE481X	0.99072265625
NODE258X	GENE1326X	GENE1325X	0.99066162109375
NODE259X	GENE182X	GENE181X	0.9906005859375
NODE260X	GENE328X	GENE327X	0.9906005859375
NODE261X	GENE1433X	GENE1432X	0.9906005859375
NODE262X	GENE2851X	GENE2850X	0.9906005859375
NODE263X	GENE172X	GENE171X	0.99053955078125
NODE264X	GENE1136X	GENE1135X	0.99053955078125
NODE265X	NODE116X	GENE456X	0.990478515625
NODE266X	GENE1992X	GENE1991X	0.990478515625
NODE267X	GENE2180X	GENE2179X	0.990478515625
NODE268X	GENE2727X	GENE2726X	0.990478515625
NODE269X	GENE2835X	GENE2820X	0.990478515625
NODE270X	NODE50X	NODE155X	0.990478515625
NODE271X	NODE30X	GENE381X	0.99041748046875
NODE272X	GENE276X	GENE275X	0.9903564453125
NODE273X	GENE320X	GENE319X	0.9903564453125
NODE274X	GENE2912X	GENE2910X	0.9903564453125
NODE275X	GENE1120X	NODE73X	0.99029541015625
NODE276X	GENE23X	GENE22X	0.990234375
NODE277X	GENE45X	GENE44X	0.990234375
NODE278X	GENE141X	NODE33X	0.990234375
NODE279X	GENE711X	NODE61X	0.990234375
NODE280X	NODE55X	NODE123X	0.990234375
NODE281X	GENE36X	NODE88X	0.99017333984375
NODE282X	GENE166X	NODE104X	0.99017333984375
NODE283X	GENE538X	GENE491X	0.9901123046875
NODE284X	GENE1999X	GENE1998X	0.9901123046875
NODE285X	GENE2647X	GENE2646X	0.9901123046875

NODE286X	GENE2908X	GENE2907X	0.9901123046875
NODE287X	GENE257X	GENE256X	0.99005126953125
NODE288X	GENE2152X	GENE2151X	0.99005126953125
NODE289X	GENE2801X	GENE2800X	0.99005126953125
NODE290X	GENE129X	NODE20X	0.989990234375
NODE291X	GENE2005X	GENE2004X	0.989990234375
NODE292X	GENE2145X	GENE2144X	0.989990234375
NODE293X	GENE2148X	GENE2147X	0.989990234375
NODE294X	GENE2341X	GENE2340X	0.989990234375
NODE295X	GENE2765X	GENE2764X	0.989990234375
NODE296X	GENE2044X	NODE79X	0.989990234375
NODE297X	GENE1268X	GENE1148X	0.98992919921875
NODE298X	GENE1328X	GENE1322X	0.98992919921875
NODE299X	GENE91X	NODE141X	0.9898681640625
NODE300X	NODE99X	GENE378X	0.9898681640625
NODE301X	NODE130X	GENE52X	0.98980712890625
NODE302X	GENE419X	GENE418X	0.98980712890625
NODE303X	GENE472X	GENE471X	0.98980712890625
NODE304X	GENE517X	GENE516X	0.98980712890625
NODE305X	GENE2870X	GENE2869X	0.98980712890625
NODE306X	GENE163X	GENE162X	0.98974609375
NODE307X	GENE241X	GENE240X	0.98974609375
NODE308X	GENE286X	GENE284X	0.98974609375
NODE309X	GENE501X	GENE500X	0.98974609375
NODE310X	GENE2674X	GENE2673X	0.98974609375
NODE311X	NODE178X	NODE223X	0.98974609375
NODE312X	GENE438X	GENE435X	0.98968505859375
NODE313X	GENE1026X	GENE1025X	0.9896240234375
NODE314X	GENE526X	NODE196X	0.98956298828125
NODE315X	GENE1161X	GENE1160X	0.989501953125
NODE316X	GENE686X	GENE685X	0.98944091796875
NODE317X	GENE174X	GENE173X	0.9893798828125
NODE318X	GENE326X	GENE325X	0.9893798828125
NODE319X	GENE976X	GENE975X	0.9893798828125
NODE320X	GENE66X	GENE65X	0.98931884765625
NODE321X	GENE1223X	GENE1222X	0.98931884765625
NODE322X	GENE1310X	NODE122X	0.98931884765625
NODE323X	GENE2614X	GENE2613X	0.98931884765625
NODE324X	GENE2854X	GENE2853X	0.98931884765625
NODE325X	GENE2212X	GENE2211X	0.9892578125
NODE326X	NODE80X	GENE2784X	0.9892578125
NODE327X	GENE104X	NODE25X	0.98919677734375
NODE328X	GENE1176X	GENE1175X	0.98919677734375
NODE329X	GENE2950X	GENE2949X	0.98919677734375
NODE330X	NODE68X	NODE121X	0.98919677734375
NODE331X	NODE184X	NODE138X	0.9891357421875
NODE332X	GENE252X	GENE251X	0.98907470703125
NODE333X	NODE226X	NODE95X	0.98907470703125
NODE334X	GENE556X	GENE555X	0.989013671875
NODE335X	GENE963X	GENE962X	0.989013671875
NODE336X	GENE1212X	GENE1211X	0.989013671875
NODE337X	GENE2866X	GENE2865X	0.989013671875
NODE338X	NODE246X	NODE93X	0.989013671875
NODE339X	NODE132X	NODE107X	0.989013671875
NODE340X	GENE134X	GENE133X	0.98895263671875
NODE341X	GENE901X	GENE900X	0.98895263671875
NODE342X	GENE2518X	GENE2517X	0.98895263671875

NODE343X	GENE2743X	GENE2742X	0.98895263671875
NODE344X	NODE182X	NODE36X	0.98895263671875
NODE345X	NODE172X	NODE63X	0.98895263671875
NODE346X	GENE124X	NODE211X	0.9888916015625
NODE347X	GENE2282X	GENE2281X	0.98883056640625
NODE348X	GENE2652X	GENE2651X	0.98883056640625
NODE349X	NODE187X	NODE41X	0.98883056640625
NODE350X	GENE1168X	NODE219X	0.98883056640625
NODE351X	GENE170X	NODE117X	0.98876953125
NODE352X	GENE1786X	GENE1785X	0.98876953125
NODE353X	GENE153X	GENE152X	0.98870849609375
NODE354X	NODE195X	GENE300X	0.98870849609375
NODE355X	GENE394X	GENE393X	0.98870849609375
NODE356X	GENE2175X	GENE1921X	0.98870849609375
NODE357X	NODE220X	GENE10X	0.9886474609375
NODE358X	GENE489X	GENE488X	0.98858642578125
NODE359X	GENE2017X	GENE2016X	0.98858642578125
NODE360X	GENE2931X	GENE2916X	0.98858642578125
NODE361X	NODE241X	GENE2885X	0.98858642578125
NODE362X	GENE645X	GENE644X	0.988525390625
NODE363X	GENE2442X	GENE2441X	0.988525390625
NODE364X	GENE2946X	GENE2913X	0.988525390625
NODE365X	GENE113X	NODE108X	0.98846435546875
NODE366X	GENE210X	GENE209X	0.98846435546875
NODE367X	GENE263X	GENE262X	0.98846435546875
NODE368X	NODE31X	GENE2860X	0.98846435546875
NODE369X	GENE1969X	NODE148X	0.98846435546875
NODE370X	GENE72X	GENE71X	0.9884033203125
NODE371X	NODE105X	GENE231X	0.9884033203125
NODE372X	GENE1174X	GENE1173X	0.9884033203125
NODE373X	GENE148X	GENE147X	0.98834228515625
NODE374X	NODE143X	GENE430X	0.98834228515625
NODE375X	GENE476X	GENE475X	0.98834228515625
NODE376X	NODE249X	GENE2856X	0.98834228515625
NODE377X	GENE443X	GENE441X	0.98828125
NODE378X	GENE541X	GENE540X	0.98828125
NODE379X	NODE49X	GENE107X	0.98822021484375
NODE380X	GENE2603X	GENE2602X	0.98822021484375
NODE381X	GENE293X	NODE254X	0.98822021484375
NODE382X	GENE1130X	GENE1129X	0.9881591796875
NODE383X	GENE2019X	GENE2018X	0.9881591796875
NODE384X	NODE115X	NODE203X	0.9881591796875
NODE385X	GENE2746X	GENE2745X	0.98809814453125
NODE386X	GENE1561X	GENE1560X	0.988037109375
NODE387X	GENE2136X	GENE2135X	0.988037109375
NODE388X	GENE2416X	GENE2415X	0.988037109375
NODE389X	GENE2663X	GENE2662X	0.988037109375
NODE390X	NODE39X	NODE222X	0.988037109375
NODE391X	GENE307X	NODE102X	0.9879150390625
NODE392X	GENE1346X	GENE1345X	0.9879150390625
NODE393X	GENE2960X	GENE2852X	0.9879150390625
NODE394X	GENE2970X	NODE169X	0.9879150390625
NODE395X	GENE112X	GENE111X	0.98785400390625
NODE396X	GENE230X	GENE229X	0.98785400390625
NODE397X	GENE1314X	GENE1313X	0.98785400390625
NODE398X	GENE2082X	GENE2081X	0.98785400390625
NODE399X	NODE167X	GENE85X	0.98773193359375

NODE400X	NODE127X	GENE98X	0.98773193359375
NODE401X	GENE224X	GENE223X	0.98773193359375
NODE402X	GENE933X	GENE932X	0.98773193359375
NODE403X	GENE2033X	GENE2032X	0.98773193359375
NODE404X	GENE2655X	GENE2654X	0.98773193359375
NODE405X	NODE166X	GENE2656X	0.98773193359375
NODE406X	NODE109X	NODE94X	0.98773193359375
NODE407X	GENE1331X	GENE1327X	0.9876708984375
NODE408X	NODE106X	NODE85X	0.9876708984375
NODE409X	GENE507X	GENE506X	0.98760986328125
NODE410X	GENE714X	GENE713X	0.98760986328125
NODE411X	GENE2933X	GENE2932X	0.98760986328125
NODE412X	NODE252X	NODE124X	0.98760986328125
NODE413X	GENE159X	GENE158X	0.987548828125
NODE414X	GENE247X	NODE193X	0.987548828125
NODE415X	NODE153X	NODE120X	0.987548828125
NODE416X	GENE969X	GENE968X	0.98748779296875
NODE417X	GENE2809X	GENE2808X	0.9874267578125
NODE418X	GENE1317X	NODE87X	0.98736572265625
NODE419X	GENE392X	GENE391X	0.9873046875
NODE420X	GENE1024X	GENE1023X	0.9873046875
NODE421X	GENE1312X	GENE1311X	0.9873046875
NODE422X	GENE2679X	GENE2678X	0.9873046875
NODE423X	NODE176X	NODE214X	0.9873046875
NODE424X	GENE2462X	GENE2461X	0.98724365234375
NODE425X	NODE89X	NODE134X	0.98724365234375
NODE426X	GENE1758X	GENE1757X	0.9871826171875
NODE427X	GENE155X	GENE154X	0.98712158203125
NODE428X	NODE147X	GENE496X	0.98712158203125
NODE429X	GENE2927X	GENE2926X	0.98712158203125
NODE430X	NODE27X	GENE2769X	0.98712158203125
NODE431X	GENE332X	GENE331X	0.987060546875
NODE432X	GENE741X	GENE740X	0.987060546875
NODE433X	GENE966X	NODE218X	0.987060546875
NODE434X	NODE92X	GENE1019X	0.987060546875
NODE435X	GENE2339X	GENE2338X	0.987060546875
NODE436X	GENE2756X	GENE2755X	0.987060546875
NODE437X	NODE64X	GENE1040X	0.98699951171875
NODE438X	GENE1140X	NODE232X	0.98699951171875
NODE439X	GENE669X	GENE668X	0.9869384765625
NODE440X	GENE960X	GENE959X	0.9869384765625
NODE441X	GENE2793X	NODE72X	0.9869384765625
NODE442X	GENE2819X	GENE2818X	0.9869384765625
NODE443X	GENE2891X	GENE2890X	0.9869384765625
NODE444X	GENE312X	GENE311X	0.98687744140625
NODE445X	GENE2134X	GENE2133X	0.98687744140625
NODE446X	NODE240X	GENE2706X	0.98687744140625
NODE447X	NODE110X	NODE37X	0.98687744140625
NODE448X	NODE60X	NODE168X	0.98687744140625
NODE449X	GENE554X	GENE553X	0.98681640625
NODE450X	GENE1189X	GENE1188X	0.98681640625
NODE451X	GENE2750X	GENE1970X	0.98681640625
NODE452X	GENE200X	GENE199X	0.98675537109375
NODE453X	GENE1221X	GENE1220X	0.98675537109375
NODE454X	GENE2895X	GENE2894X	0.98675537109375
NODE455X	GENE2302X	GENE2301X	0.9866943359375
NODE456X	GENE2349X	GENE2348X	0.98663330078125

NODE457X	NODE52X	NODE327X	0.98663330078125
NODE458X	GENE1915X	GENE1914X	0.986572265625
NODE459X	GENE2762X	GENE2675X	0.98651123046875
NODE460X	GENE2733X	GENE2732X	0.98651123046875
NODE461X	NODE236X	NODE77X	0.98651123046875
NODE462X	GENE2574X	GENE2573X	0.9864501953125
NODE463X	NODE373X	NODE86X	0.9864501953125
NODE464X	GENE2X	GENE1X	0.98638916015625
NODE465X	NODE101X	GENE82X	0.98638916015625
NODE466X	GENE296X	GENE295X	0.98638916015625
NODE467X	GENE1206X	GENE1205X	0.98638916015625
NODE468X	GENE549X	GENE548X	0.98626708984375
NODE469X	GENE643X	GENE642X	0.98626708984375
NODE470X	GENE2054X	GENE2053X	0.98626708984375
NODE471X	GENE157X	GENE156X	0.9862060546875
NODE472X	GENE505X	GENE504X	0.9862060546875
NODE473X	GENE1271X	GENE1270X	0.9862060546875
NODE474X	GENE2002X	GENE2001X	0.9862060546875
NODE475X	GENE2188X	GENE2187X	0.9862060546875
NODE476X	NODE69X	NODE202X	0.9862060546875
NODE477X	GENE218X	GENE217X	0.98614501953125
NODE478X	GENE908X	GENE907X	0.98614501953125
NODE479X	GENE2833X	GENE2583X	0.98614501953125
NODE480X	GENE2958X	GENE2957X	0.98614501953125
NODE481X	GENE2024X	GENE2023X	0.986083984375
NODE482X	GENE2676X	NODE267X	0.986083984375
NODE483X	GENE2925X	GENE2924X	0.986083984375
NODE484X	NODE237X	GENE363X	0.98602294921875
NODE485X	GENE1295X	GENE1294X	0.98602294921875
NODE486X	NODE151X	GENE2585X	0.98602294921875
NODE487X	GENE2831X	GENE2720X	0.98602294921875
NODE488X	NODE100X	GENE2903X	0.98602294921875
NODE489X	NODE67X	GENE2917X	0.98602294921875
NODE490X	GENE1956X	GENE1955X	0.9859619140625
NODE491X	NODE318X	GENE324X	0.9859619140625
NODE492X	GENE584X	GENE583X	0.98590087890625
NODE493X	NODE345X	GENE33X	0.98583984375
NODE494X	GENE42X	GENE41X	0.98583984375
NODE495X	NODE133X	GENE337X	0.98583984375
NODE496X	GENE429X	GENE428X	0.98583984375
NODE497X	GENE2774X	GENE2773X	0.98583984375
NODE498X	GENE487X	GENE486X	0.98577880859375
NODE499X	GENE1330X	GENE1329X	0.98577880859375
NODE500X	GENE2799X	GENE2798X	0.98577880859375
NODE501X	NODE181X	GENE446X	0.9857177734375
NODE502X	GENE955X	GENE954X	0.9857177734375
NODE503X	NODE157X	GENE2027X	0.98565673828125
NODE504X	GENE2661X	NODE229X	0.98565673828125
NODE505X	GENE46X	NODE277X	0.98565673828125
NODE506X	GENE2289X	GENE2288X	0.985595703125
NODE507X	GENE126X	GENE125X	0.98553466796875
NODE508X	GENE973X	GENE972X	0.98553466796875
NODE509X	GENE2807X	NODE125X	0.98553466796875
NODE510X	NODE139X	GENE315X	0.98541259765625
NODE511X	GENE590X	GENE589X	0.98541259765625
NODE512X	GENE336X	GENE335X	0.9853515625
NODE513X	GENE412X	NODE280X	0.9853515625

NODE514X	GENE2536X	GENE2534X	0.9853515625
NODE515X	GENE51X	GENE50X	0.98529052734375
NODE516X	GENE699X	GENE698X	0.98529052734375
NODE517X	GENE1912X	GENE1911X	0.9852294921875
NODE518X	GENE2045X	GENE1971X	0.9852294921875
NODE519X	NODE262X	NODE47X	0.9852294921875
NODE520X	GENE580X	GENE579X	0.98516845703125
NODE521X	GENE2834X	GENE2832X	0.98516845703125
NODE522X	NODE274X	GENE2911X	0.98516845703125
NODE523X	NODE463X	NODE235X	0.98516845703125
NODE524X	NODE374X	NODE185X	0.985107421875
NODE525X	NODE225X	NODE265X	0.985107421875
NODE526X	GENE273X	GENE272X	0.98504638671875
NODE527X	GENE2470X	GENE2469X	0.98504638671875
NODE528X	GENE2874X	GENE2873X	0.98504638671875
NODE529X	NODE317X	NODE263X	0.98504638671875
NODE530X	NODE377X	GENE442X	0.9849853515625
NODE531X	GENE512X	NODE186X	0.9849853515625
NODE532X	GENE1931X	GENE1930X	0.9849853515625
NODE533X	GENE2929X	GENE2928X	0.9849853515625
NODE534X	GENE2604X	NODE380X	0.9849853515625
NODE535X	GENE2812X	NODE200X	0.98492431640625
NODE536X	GENE692X	GENE691X	0.98486328125
NODE537X	NODE288X	GENE2150X	0.98486328125
NODE538X	GENE470X	GENE469X	0.9847412109375
NODE539X	GENE359X	NODE231X	0.9847412109375
NODE540X	NODE330X	NODE302X	0.9847412109375
NODE541X	NODE309X	GENE490X	0.9847412109375
NODE542X	GENE214X	NODE81X	0.98468017578125
NODE543X	GENE529X	NODE156X	0.98468017578125
NODE544X	GENE2139X	GENE2138X	0.98468017578125
NODE545X	GENE2203X	GENE2202X	0.98468017578125
NODE546X	GENE2760X	NODE75X	0.98468017578125
NODE547X	GENE2149X	NODE293X	0.984619140625
NODE548X	NODE421X	NODE322X	0.984619140625
NODE549X	NODE351X	GENE167X	0.98455810546875
NODE550X	NODE458X	GENE1913X	0.98455810546875
NODE551X	GENE2295X	GENE2294X	0.98455810546875
NODE552X	GENE2402X	GENE2401X	0.9844970703125
NODE553X	NODE297X	GENE1147X	0.98443603515625
NODE554X	GENE1324X	GENE1323X	0.98443603515625
NODE555X	NODE197X	GENE1169X	0.984375
NODE556X	GENE2495X	GENE2494X	0.984375
NODE557X	NODE271X	NODE270X	0.984375
NODE558X	GENE1068X	GENE1067X	0.98431396484375
NODE559X	GENE2697X	GENE2696X	0.98431396484375
NODE560X	NODE430X	GENE2768X	0.98431396484375
NODE561X	GENE1039X	GENE1038X	0.9842529296875
NODE562X	GENE1132X	GENE1131X	0.9842529296875
NODE563X	NODE464X	GENE0X	0.9842529296875
NODE564X	GENE190X	GENE189X	0.98419189453125
NODE565X	GENE243X	GENE242X	0.98419189453125
NODE566X	GENE2464X	GENE2463X	0.98419189453125
NODE567X	NODE305X	NODE126X	0.98419189453125
NODE568X	GENE499X	NODE428X	0.98419189453125
NODE569X	GENE255X	GENE249X	0.984130859375
NODE570X	GENE1256X	GENE1255X	0.984130859375

NODE571X	GENE2030X	NODE503X	0.984130859375
NODE572X	GENE2076X	NODE128X	0.984130859375
NODE573X	GENE2102X	GENE2101X	0.984130859375
NODE574X	GENE62X	GENE61X	0.98406982421875
NODE575X	GENE271X	NODE194X	0.98406982421875
NODE576X	GENE523X	GENE522X	0.98406982421875
NODE577X	GENE1845X	GENE1844X	0.98406982421875
NODE578X	GENE2759X	NODE58X	0.98406982421875
NODE579X	NODE278X	NODE206X	0.98406982421875
NODE580X	GENE542X	NODE378X	0.98406982421875
NODE581X	GENE321X	NODE273X	0.98394775390625
NODE582X	GENE2803X	GENE2802X	0.98394775390625
NODE583X	GENE60X	GENE59X	0.98388671875
NODE584X	GENE1162X	GENE179X	0.98388671875
NODE585X	GENE239X	NODE371X	0.98388671875
NODE586X	GENE283X	GENE268X	0.98388671875
NODE587X	GENE310X	NODE136X	0.98388671875
NODE588X	GENE552X	GENE551X	0.98388671875
NODE589X	GENE1988X	GENE1987X	0.98388671875
NODE590X	NODE118X	NODE98X	0.98388671875
NODE591X	GENE344X	NODE234X	0.98382568359375
NODE592X	GENE559X	GENE558X	0.98382568359375
NODE593X	NODE150X	NODE260X	0.9837646484375
NODE594X	NODE183X	NODE354X	0.9837646484375
NODE595X	GENE557X	NODE334X	0.98370361328125
NODE596X	GENE2966X	NODE4X	0.98370361328125
NODE597X	GENE12X	GENE6X	0.983642578125
NODE598X	GENE1028X	GENE1027X	0.983642578125
NODE599X	NODE221X	GENE2698X	0.983642578125
NODE600X	NODE264X	NODE65X	0.98358154296875
NODE601X	GENE1318X	NODE418X	0.9835205078125
NODE602X	GENE964X	NODE335X	0.9835205078125
NODE603X	GENE2153X	GENE2137X	0.98345947265625
NODE604X	GENE2513X	GENE2512X	0.9833984375
NODE605X	GENE175X	NODE529X	0.98333740234375
NODE606X	NODE160X	GENE928X	0.98333740234375
NODE607X	GENE2201X	GENE2200X	0.98333740234375
NODE608X	GENE2695X	GENE2694X	0.98333740234375
NODE609X	GENE2010X	GENE2009X	0.9832763671875
NODE610X	GENE2829X	NODE91X	0.9832763671875
NODE611X	GENE917X	GENE916X	0.98321533203125
NODE612X	NODE190X	GENE1016X	0.983154296875
NODE613X	GENE1983X	GENE1982X	0.983154296875
NODE614X	GENE2782X	NODE205X	0.98309326171875
NODE615X	GENE2111X	GENE2110X	0.9830322265625
NODE616X	GENE2728X	NODE268X	0.9830322265625
NODE617X	NODE145X	NODE164X	0.9830322265625
NODE618X	NODE481X	GENE2022X	0.9830322265625
NODE619X	GENE641X	GENE640X	0.98297119140625
NODE620X	GENE1012X	GENE1011X	0.98291015625
NODE621X	NODE344X	NODE384X	0.98291015625
NODE622X	GENE222X	GENE221X	0.98284912109375
NODE623X	GENE264X	NODE367X	0.98284912109375
NODE624X	NODE333X	NODE163X	0.98284912109375
NODE625X	NODE257X	NODE375X	0.98284912109375
NODE626X	GENE503X	GENE502X	0.9827880859375
NODE627X	GENE1071X	GENE1070X	0.9827880859375

NODE628X	GENE971X	GENE970X	0.98272705078125
NODE629X	NODE447X	NODE154X	0.98272705078125
NODE630X	NODE440X	GENE958X	0.98260498046875
NODE631X	GENE2628X	GENE2627X	0.98260498046875
NODE632X	GENE2763X	GENE2716X	0.98260498046875
NODE633X	GENE2901X	GENE2900X	0.98260498046875
NODE634X	NODE228X	GENE294X	0.9825439453125
NODE635X	GENE2568X	GENE2567X	0.98248291015625
NODE636X	NODE462X	NODE119X	0.98248291015625
NODE637X	NODE383X	NODE359X	0.98248291015625
NODE638X	GENE2611X	GENE2610X	0.982421875
NODE639X	GENE2704X	GENE2703X	0.982421875
NODE640X	GENE289X	GENE288X	0.98236083984375
NODE641X	GENE1123X	GENE513X	0.98236083984375
NODE642X	GENE926X	GENE925X	0.98236083984375
NODE643X	GENE2559X	GENE2558X	0.98236083984375
NODE644X	GENE2649X	GENE2648X	0.98236083984375
NODE645X	GENE735X	GENE734X	0.9822998046875
NODE646X	GENE999X	GENE998X	0.9822998046875
NODE647X	GENE1275X	GENE1274X	0.9822998046875
NODE648X	GENE2640X	GENE2639X	0.9822998046875
NODE649X	GENE485X	GENE484X	0.98223876953125
NODE650X	GENE2159X	GENE2157X	0.98223876953125
NODE651X	NODE248X	GENE2794X	0.98223876953125
NODE652X	GENE1207X	GENE180X	0.98211669921875
NODE653X	GENE1872X	GENE1871X	0.98211669921875
NODE654X	NODE394X	GENE2967X	0.98211669921875
NODE655X	NODE420X	NODE434X	0.98211669921875
NODE656X	GENE639X	GENE638X	0.9820556640625
NODE657X	NODE243X	GENE1163X	0.9820556640625
NODE658X	NODE256X	NODE423X	0.9820556640625
NODE659X	NODE365X	NODE276X	0.9820556640625
NODE660X	GENE2051X	NODE191X	0.98199462890625
NODE661X	NODE399X	GENE81X	0.98193359375
NODE662X	GENE605X	GENE604X	0.98193359375
NODE663X	GENE2735X	GENE2734X	0.98193359375
NODE664X	GENE1910X	GENE1909X	0.98187255859375
NODE665X	GENE2308X	GENE2307X	0.98187255859375
NODE666X	GENE2825X	GENE2824X	0.98187255859375
NODE667X	NODE406X	NODE379X	0.98187255859375
NODE668X	GENE1865X	GENE1864X	0.9818115234375
NODE669X	GENE2939X	GENE2938X	0.9818115234375
NODE670X	GENE950X	GENE949X	0.98175048828125
NODE671X	GENE1603X	GENE1602X	0.98175048828125
NODE672X	GENE2293X	GENE2292X	0.98175048828125
NODE673X	GENE1143X	GENE1142X	0.981689453125
NODE674X	NODE326X	GENE2783X	0.981689453125
NODE675X	GENE114X	GENE97X	0.98162841796875
NODE676X	GENE285X	NODE395X	0.98162841796875
NODE677X	GENE1141X	NODE438X	0.98162841796875
NODE678X	GENE2021X	GENE2020X	0.98162841796875
NODE679X	GENE2472X	GENE2471X	0.98162841796875
NODE680X	GENE2688X	GENE2687X	0.98162841796875
NODE681X	NODE313X	NODE320X	0.98162841796875
NODE682X	NODE159X	GENE715X	0.9815673828125
NODE683X	GENE2664X	NODE389X	0.9815673828125
NODE684X	GENE690X	GENE689X	0.98150634765625

NODE685X	GENE1229X	GENE1228X	0.98150634765625
NODE686X	GENE2566X	GENE2565X	0.98150634765625
NODE687X	NODE251X	GENE2669X	0.98150634765625
NODE688X	GENE746X	GENE745X	0.9814453125
NODE689X	GENE1050X	GENE1049X	0.9814453125
NODE690X	NODE170X	GENE2450X	0.9814453125
NODE691X	GENE2270X	GENE2269X	0.98138427734375
NODE692X	GENE651X	GENE650X	0.9813232421875
NODE693X	GENE942X	GENE941X	0.9813232421875
NODE694X	NODE286X	GENE2906X	0.9813232421875
NODE695X	NODE165X	GENE215X	0.98126220703125
NODE696X	GENE2712X	NODE217X	0.98126220703125
NODE697X	GENE1298X	GENE1297X	0.98114013671875
NODE698X	GENE2342X	NODE294X	0.98114013671875
NODE699X	GENE333X	GENE299X	0.9810791015625
NODE700X	NODE528X	GENE2872X	0.9810791015625
NODE701X	GENE2312X	GENE2311X	0.98101806640625
NODE702X	GENE2685X	NODE71X	0.98101806640625
NODE703X	GENE597X	GENE596X	0.98095703125
NODE704X	GENE623X	NODE340X	0.98095703125
NODE705X	GENE1258X	GENE1257X	0.98095703125
NODE706X	GENE2125X	GENE2124X	0.98095703125
NODE707X	GENE1213X	NODE78X	0.980712890625
NODE708X	NODE44X	GENE2961X	0.980712890625
NODE709X	NODE534X	GENE2601X	0.980712890625
NODE710X	NODE525X	NODE461X	0.98065185546875
NODE711X	GENE150X	GENE149X	0.9805908203125
NODE712X	GENE2119X	GENE2118X	0.9805908203125
NODE713X	NODE540X	NODE513X	0.9805908203125
NODE714X	GENE473X	NODE303X	0.98052978515625
NODE715X	GENE1333X	GENE1332X	0.98052978515625
NODE716X	NODE83X	NODE281X	0.98052978515625
NODE717X	GENE11X	NODE476X	0.98040771484375
NODE718X	GENE2173X	GENE2172X	0.98040771484375
NODE719X	NODE312X	GENE436X	0.9803466796875
NODE720X	NODE640X	GENE287X	0.9803466796875
NODE721X	GENE14X	GENE13X	0.98028564453125
NODE722X	NODE208X	GENE195X	0.980224609375
NODE723X	NODE561X	NODE339X	0.980224609375
NODE724X	GENE188X	GENE187X	0.98016357421875
NODE725X	GENE2533X	GENE2408X	0.98016357421875
NODE726X	NODE323X	GENE2612X	0.9801025390625
NODE727X	GENE2417X	NODE388X	0.98004150390625
NODE728X	NODE227X	GENE67X	0.97998046875
NODE729X	GENE1952X	GENE1840X	0.97998046875
NODE730X	NODE417X	NODE509X	0.97998046875
NODE731X	GENE208X	NODE188X	0.97991943359375
NODE732X	NODE382X	GENE1128X	0.97991943359375
NODE733X	GENE1445X	GENE1444X	0.97979736328125
NODE734X	GENE1826X	GENE1825X	0.97979736328125
NODE735X	NODE446X	GENE2705X	0.979736328125
NODE736X	NODE269X	GENE2821X	0.979736328125
NODE737X	NODE300X	NODE624X	0.979736328125
NODE738X	GENE1862X	GENE1861X	0.97967529296875
NODE739X	GENE1920X	GENE1919X	0.97967529296875
NODE740X	GENE2538X	GENE2537X	0.9796142578125
NODE741X	GENE1137X	NODE600X	0.97955322265625

NODE742X	GENE1923X	GENE1922X	0.97955322265625
NODE743X	GENE2177X	GENE2176X	0.97955322265625
NODE744X	GENE2598X	GENE2597X	0.97955322265625
NODE745X	GENE2286X	GENE2285X	0.9794921875
NODE746X	GENE178X	GENE177X	0.9793701171875
NODE747X	GENE1929X	GENE1928X	0.9793701171875
NODE748X	GENE225X	NODE401X	0.97930908203125
NODE749X	NODE272X	GENE274X	0.97930908203125
NODE750X	NODE337X	GENE2864X	0.97930908203125
NODE751X	GENE202X	GENE201X	0.979248046875
NODE752X	GENE466X	GENE465X	0.97918701171875
NODE753X	GENE2038X	GENE2037X	0.97918701171875
NODE754X	GENE2205X	GENE2204X	0.97918701171875
NODE755X	GENE2953X	GENE2952X	0.97918701171875
NODE756X	NODE213X	NODE358X	0.97918701171875
NODE757X	NODE311X	NODE493X	0.97918701171875
NODE758X	NODE581X	NODE331X	0.97918701171875
NODE759X	GENE564X	GENE563X	0.9791259765625
NODE760X	GENE2116X	GENE2115X	0.9791259765625
NODE761X	NODE538X	GENE468X	0.97906494140625
NODE762X	GENE588X	GENE587X	0.97906494140625
NODE763X	NODE474X	GENE2000X	0.97900390625
NODE764X	GENE2080X	GENE2077X	0.97900390625
NODE765X	GENE2106X	GENE2103X	0.97900390625
NODE766X	NODE510X	NODE338X	0.97900390625
NODE767X	NODE590X	NODE716X	0.97900390625
NODE768X	GENE1880X	GENE1879X	0.97894287109375
NODE769X	GENE1004X	GENE1003X	0.97882080078125
NODE770X	GENE2880X	GENE2879X	0.97882080078125
NODE771X	GENE2184X	GENE2183X	0.978759765625
NODE772X	GENE1485X	GENE1484X	0.97869873046875
NODE773X	GENE2863X	GENE2626X	0.97869873046875
NODE774X	NODE488X	NODE230X	0.97869873046875
NODE775X	NODE370X	GENE70X	0.9786376953125
NODE776X	GENE534X	GENE464X	0.9786376953125
NODE777X	GENE885X	GENE884X	0.9786376953125
NODE778X	NODE579X	NODE346X	0.9786376953125
NODE779X	GENE2702X	NODE174X	0.97857666015625
NODE780X	GENE947X	GENE946X	0.978515625
NODE781X	NODE437X	GENE1031X	0.978515625
NODE782X	GENE2779X	NODE199X	0.978515625
NODE783X	NODE360X	NODE103X	0.978515625
NODE784X	NODE484X	NODE207X	0.978515625
NODE785X	GENE509X	GENE508X	0.97845458984375
NODE786X	NODE239X	NODE444X	0.97845458984375
NODE787X	NODE504X	NODE405X	0.97845458984375
NODE788X	GENE753X	GENE752X	0.9783935546875
NODE789X	GENE863X	GENE862X	0.9783935546875
NODE790X	GENE1183X	GENE1182X	0.9783935546875
NODE791X	GENE16X	GENE15X	0.97833251953125
NODE792X	GENE1834X	GENE1833X	0.97833251953125
NODE793X	NODE680X	GENE2686X	0.97833251953125
NODE794X	GENE74X	GENE73X	0.978271484375
NODE795X	NODE514X	GENE2535X	0.978271484375
NODE796X	GENE2804X	NODE582X	0.978271484375
NODE797X	NODE548X	NODE201X	0.978271484375
NODE798X	NODE614X	NODE349X	0.978271484375

NODE799X	GENE732X	GENE731X	0.97821044921875
NODE800X	NODE24X	GENE2605X	0.97821044921875
NODE801X	GENE2772X	NODE560X	0.97821044921875
NODE802X	GENE888X	GENE887X	0.9781494140625
NODE803X	GENE1276X	GENE1269X	0.9781494140625
NODE804X	GENE1949X	GENE1948X	0.9781494140625
NODE805X	GENE2166X	GENE2165X	0.9781494140625
NODE806X	NODE11X	GENE2752X	0.9781494140625
NODE807X	GENE2855X	NODE324X	0.9781494140625
NODE808X	NODE704X	GENE110X	0.97808837890625
NODE809X	GENE1470X	GENE1469X	0.97802734375
NODE810X	GENE1966X	GENE1965X	0.97802734375
NODE811X	GENE2310X	GENE2309X	0.97802734375
NODE812X	NODE593X	GENE40X	0.97796630859375
NODE813X	GENE1227X	GENE1226X	0.97796630859375
NODE814X	GENE1963X	GENE1962X	0.97796630859375
NODE815X	NODE210X	NODE585X	0.97796630859375
NODE816X	GENE1210X	GENE1209X	0.9779052734375
NODE817X	NODE396X	NODE290X	0.9779052734375
NODE818X	GENE1177X	NODE275X	0.97784423828125
NODE819X	NODE402X	GENE931X	0.977783203125
NODE820X	GENE2666X	GENE2665X	0.977783203125
NODE821X	NODE282X	NODE306X	0.977783203125
NODE822X	GENE211X	NODE366X	0.97772216796875
NODE823X	GENE1321X	GENE1320X	0.97772216796875
NODE824X	GENE1996X	GENE1995X	0.97772216796875
NODE825X	NODE298X	NODE250X	0.97772216796875
NODE826X	NODE500X	GENE2797X	0.97772216796875
NODE827X	GENE2638X	NODE238X	0.9776611328125
NODE828X	GENE2882X	GENE2881X	0.9776611328125
NODE829X	GENE495X	GENE494X	0.97760009765625
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NODE831X	GENE2528X	GENE2527X	0.97760009765625
NODE832X	GENE2681X	GENE2680X	0.97760009765625
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NODE834X	GENE2749X	NODE451X	0.9775390625
NODE835X	GENE340X	NODE495X	0.97747802734375
NODE836X	NODE353X	GENE151X	0.9774169921875
NODE837X	GENE2162X	GENE2161X	0.9774169921875
NODE838X	NODE315X	NODE584X	0.9774169921875
NODE839X	NODE393X	NODE376X	0.9774169921875
NODE840X	NODE610X	GENE2826X	0.97735595703125
NODE841X	GENE2944X	GENE2943X	0.977294921875
NODE842X	GENE592X	GENE591X	0.97723388671875
NODE843X	NODE242X	NODE583X	0.97723388671875
NODE844X	NODE245X	NODE292X	0.97723388671875
NODE845X	GENE1745X	GENE1744X	0.97705078125
NODE846X	NODE419X	NODE557X	0.97705078125
NODE847X	NODE670X	GENE318X	0.97698974609375
NODE848X	GENE913X	GENE912X	0.97698974609375
NODE849X	GENE1234X	GENE1233X	0.97698974609375
NODE850X	NODE425X	GENE474X	0.97686767578125
NODE851X	GENE544X	NODE90X	0.97686767578125
NODE852X	GENE647X	GENE646X	0.976806640625
NODE853X	NODE131X	GENE1013X	0.976806640625
NODE854X	GENE2164X	GENE2163X	0.976806640625
NODE855X	GENE2741X	GENE2570X	0.976806640625

NODE856X	NODE177X	GENE2893X	0.976806640625
NODE857X	NODE773X	GENE2625X	0.976806640625
NODE858X	NODE602X	GENE961X	0.97674560546875
NODE859X	GENE1532X	GENE1531X	0.9766845703125
NODE860X	GENE2422X	GENE2421X	0.9766845703125
NODE861X	GENE2692X	GENE2691X	0.9766845703125
NODE862X	NODE429X	NODE497X	0.97662353515625
NODE863X	GENE1563X	GENE1562X	0.9765625
NODE864X	GENE1984X	NODE613X	0.97650146484375
NODE865X	GENE184X	GENE183X	0.97637939453125
NODE866X	GENE1001X	GENE1000X	0.97637939453125
NODE867X	NODE555X	NODE350X	0.97637939453125
NODE868X	NODE818X	GENE1115X	0.97637939453125
NODE869X	GENE76X	GENE75X	0.976318359375
NODE870X	GENE737X	GENE722X	0.97625732421875
NODE871X	GENE938X	GENE937X	0.97625732421875
NODE872X	GENE426X	NODE408X	0.9761962890625
NODE873X	NODE279X	NODE626X	0.9761962890625
NODE874X	GENE250X	GENE248X	0.97613525390625
NODE875X	GENE261X	GENE258X	0.97613525390625
NODE876X	GENE1122X	GENE1121X	0.97613525390625
NODE877X	GENE1981X	GENE1980X	0.97613525390625
NODE878X	NODE479X	NODE486X	0.97613525390625
NODE879X	GENE2336X	GENE2335X	0.97607421875
NODE880X	GENE2584X	GENE2561X	0.97601318359375
NODE881X	NODE682X	NODE410X	0.97601318359375
NODE882X	GENE445X	NODE530X	0.9759521484375
NODE883X	NODE296X	GENE2041X	0.9759521484375
NODE884X	GENE2449X	GENE2448X	0.97589111328125
NODE885X	GENE1899X	GENE1898X	0.975830078125
NODE886X	NODE244X	GENE1925X	0.975830078125
NODE887X	GENE1192X	GENE1191X	0.97576904296875
NODE888X	GENE1198X	NODE113X	0.97576904296875
NODE889X	NODE258X	NODE554X	0.97576904296875
NODE890X	NODE412X	NODE355X	0.97576904296875
NODE891X	GENE1077X	GENE1076X	0.9757080078125
NODE892X	NODE198X	GENE2013X	0.9757080078125
NODE893X	GENE2055X	GENE2046X	0.9757080078125
NODE894X	NODE415X	NODE833X	0.97564697265625
NODE895X	GENE562X	GENE561X	0.9755859375
NODE896X	GENE633X	GENE632X	0.9755859375
NODE897X	GENE1457X	GENE1456X	0.9755859375
NODE898X	GENE1933X	GENE1932X	0.9755859375
NODE899X	GENE2036X	GENE2035X	0.9755859375
NODE900X	NODE314X	NODE576X	0.9755859375
NODE901X	GENE1045X	GENE1044X	0.97552490234375
NODE902X	NODE390X	NODE535X	0.9754638671875
NODE903X	NODE319X	GENE974X	0.97540283203125
NODE904X	GENE1463X	GENE1462X	0.97540283203125
NODE905X	NODE146X	NODE316X	0.97540283203125
NODE906X	NODE668X	GENE1863X	0.97540283203125
NODE907X	GENE2096X	GENE2095X	0.975341796875
NODE908X	GENE1340X	GENE1339X	0.97528076171875
NODE909X	GENE1734X	GENE1733X	0.97528076171875
NODE910X	NODE283X	NODE287X	0.9752197265625
NODE911X	GENE915X	GENE914X	0.97515869140625
NODE912X	NODE152X	GENE903X	0.97509765625

NODE913X	NODE158X	GENE2718X	0.97509765625
NODE914X	NODE204X	NODE496X	0.97509765625
NODE915X	NODE744X	GENE2596X	0.97509765625
NODE916X	GENE2206X	NODE771X	0.97509765625
NODE917X	NODE778X	NODE507X	0.97503662109375
NODE918X	GENE3X	NODE563X	0.9749755859375
NODE919X	GENE1080X	GENE1079X	0.9749755859375
NODE920X	GENE1358X	GENE1357X	0.9749755859375
NODE921X	NODE724X	GENE186X	0.97491455078125
NODE922X	NODE448X	NODE713X	0.97491455078125
NODE923X	GENE2122X	GENE2121X	0.97479248046875
NODE924X	NODE644X	NODE285X	0.97479248046875
NODE925X	NODE433X	GENE49X	0.9747314453125
NODE926X	GENE1007X	GENE1006X	0.9747314453125
NODE927X	NODE336X	GENE1179X	0.9747314453125
NODE928X	GENE2073X	GENE2072X	0.9747314453125
NODE929X	GENE2100X	GENE2099X	0.9747314453125
NODE930X	NODE565X	NODE307X	0.97467041015625
NODE931X	NODE760X	GENE2114X	0.97467041015625
NODE932X	GENE2641X	NODE648X	0.974609375
NODE933X	GENE1890X	GENE1889X	0.97454833984375
NODE934X	GENE2721X	NODE559X	0.9744873046875
NODE935X	NODE472X	NODE541X	0.9744873046875
NODE936X	GENE78X	GENE77X	0.97442626953125
NODE937X	NODE634X	NODE466X	0.974365234375
NODE938X	NODE308X	NODE629X	0.97430419921875
NODE939X	NODE329X	NODE424X	0.97430419921875
NODE940X	GENE2936X	NODE209X	0.9742431640625
NODE941X	NODE571X	NODE161X	0.97412109375
NODE942X	NODE578X	NODE436X	0.97412109375
NODE943X	GENE1225X	GENE196X	0.97406005859375
NODE944X	NODE443X	NODE144X	0.97406005859375
NODE945X	NODE468X	GENE547X	0.9739990234375
NODE946X	GENE613X	GENE612X	0.9739990234375
NODE947X	GENE1145X	GENE1144X	0.9739990234375
NODE948X	NODE519X	GENE2847X	0.9739990234375
NODE949X	GENE837X	GENE836X	0.97393798828125
NODE950X	GENE1350X	GENE1349X	0.973876953125
NODE951X	NODE179X	NODE569X	0.973876953125
NODE952X	GENE625X	GENE191X	0.97381591796875
NODE953X	NODE699X	NODE332X	0.97381591796875
NODE954X	NODE756X	NODE498X	0.97381591796875
NODE955X	GENE2878X	GENE2877X	0.9737548828125
NODE956X	NODE295X	NODE459X	0.9737548828125
NODE957X	NODE192X	GENE1924X	0.97369384765625
NODE958X	GENE582X	GENE581X	0.9736328125
NODE959X	GENE2455X	GENE2454X	0.9736328125
NODE960X	GENE750X	GENE749X	0.97357177734375
NODE961X	NODE291X	GENE2003X	0.97357177734375
NODE962X	NODE387X	NODE517X	0.97357177734375
NODE963X	GENE2830X	NODE736X	0.97357177734375
NODE964X	GENE57X	GENE56X	0.9735107421875
NODE965X	NODE645X	GENE733X	0.9735107421875
NODE966X	GENE1248X	GENE1247X	0.97344970703125
NODE967X	GENE1587X	GENE1586X	0.973388671875
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NODE970X	NODE737X	NODE784X	0.97320556640625
NODE971X	GENE220X	GENE219X	0.97314453125
NODE972X	GENE1094X	GENE1093X	0.97314453125
NODE973X	NODE301X	NODE515X	0.97314453125
NODE974X	GENE1047X	GENE1046X	0.97308349609375
NODE975X	GENE1343X	GENE1342X	0.9730224609375
NODE976X	NODE328X	NODE372X	0.9730224609375
NODE977X	GENE546X	GENE545X	0.97296142578125
NODE978X	NODE189X	GENE2140X	0.97296142578125
NODE979X	GENE2553X	GENE2552X	0.97296142578125
NODE980X	NODE526X	NODE575X	0.972900390625
NODE981X	GENE161X	GENE160X	0.97283935546875
NODE982X	NODE667X	NODE457X	0.97283935546875
NODE983X	NODE369X	NODE810X	0.97283935546875
NODE984X	NODE890X	NODE142X	0.97283935546875
NODE985X	GENE1066X	GENE1065X	0.9727783203125
NODE986X	NODE607X	GENE2199X	0.9727783203125
NODE987X	NODE137X	GENE1683X	0.9727783203125
NODE988X	GENE816X	GENE815X	0.97271728515625
NODE989X	GENE617X	GENE616X	0.97265625
NODE990X	GENE744X	GENE743X	0.97265625
NODE991X	NODE289X	NODE546X	0.97265625
NODE992X	NODE595X	NODE449X	0.97265625
NODE993X	GENE520X	GENE519X	0.97259521484375
NODE994X	GENE1434X	NODE261X	0.97259521484375
NODE995X	GENE695X	GENE694X	0.9725341796875
NODE996X	NODE357X	NODE717X	0.97247314453125
NODE997X	NODE675X	NODE400X	0.97247314453125
NODE998X	GENE921X	GENE43X	0.972412109375
NODE999X	NODE348X	NODE224X	0.97235107421875
NODE1000X	GENE1882X	GENE1881X	0.9722900390625
NODE1001X	GENE2079X	GENE2078X	0.9722900390625
NODE1002X	GENE1440X	GENE1439X	0.97222900390625
NODE1003X	GENE2548X	GENE2547X	0.97222900390625
NODE1004X	NODE483X	GENE2923X	0.97216796875
NODE1005X	NODE692X	GENE649X	0.97216796875
NODE1006X	GENE2284X	GENE1874X	0.97210693359375
NODE1007X	GENE2717X	GENE2185X	0.97210693359375
NODE1008X	NODE601X	NODE397X	0.97210693359375
NODE1009X	GENE80X	GENE79X	0.9720458984375
NODE1010X	NODE506X	GENE1876X	0.9720458984375
NODE1011X	NODE549X	NODE821X	0.9720458984375
NODE1012X	NODE696X	NODE284X	0.9720458984375
NODE1013X	NODE304X	NODE531X	0.97198486328125
NODE1014X	NODE986X	GENE2196X	0.97198486328125
NODE1015X	NODE647X	NODE473X	0.971923828125
NODE1016X	GENE574X	GENE573X	0.97186279296875
NODE1017X	GENE701X	GENE700X	0.97186279296875
NODE1018X	GENE1973X	GENE1972X	0.97186279296875
NODE1019X	NODE416X	GENE967X	0.9718017578125
NODE1020X	GENE1178X	NODE719X	0.9718017578125
NODE1021X	GENE1284X	GENE1283X	0.9718017578125
NODE1022X	GENE1566X	GENE1565X	0.9718017578125
NODE1023X	NODE467X	NODE652X	0.9718017578125
NODE1024X	NODE606X	GENE927X	0.97174072265625
NODE1025X	GENE1754X	GENE1753X	0.97174072265625
NODE1026X	GENE2739X	NODE663X	0.97174072265625

NODE1027X	GENE1869X	GENE1868X	0.9716796875
NODE1028X	GENE2542X	GENE2541X	0.9716796875
NODE1029X	NODE362X	NODE469X	0.9716796875
NODE1030X	NODE669X	GENE2937X	0.97161865234375
NODE1031X	NODE786X	NODE587X	0.9715576171875
NODE1032X	NODE491X	NODE758X	0.971435546875
NODE1033X	GENE2668X	GENE2667X	0.97137451171875
NODE1034X	GENE1682X	GENE1681X	0.9713134765625
NODE1035X	GENE1895X	GENE1894X	0.9713134765625
NODE1036X	NODE618X	NODE678X	0.9713134765625
NODE1037X	GENE956X	NODE502X	0.97119140625
NODE1038X	GENE625X	NODE850X	0.97119140625
NODE1039X	NODE681X	GENE58X	0.9710693359375
NODE1040X	NODE900X	GENE521X	0.9710693359375
NODE1041X	GENE2521X	GENE2520X	0.97100830078125
NODE1042X	NODE521X	GENE2551X	0.97100830078125
NODE1043X	GENE2954X	NODE149X	0.97100830078125
NODE1044X	NODE781X	GENE593X	0.97100830078125
NODE1045X	NODE470X	NODE893X	0.97100830078125
NODE1046X	NODE924X	GENE2645X	0.97100830078125
NODE1047X	GENE1656X	GENE1655X	0.97088623046875
NODE1048X	GENE2191X	GENE2190X	0.97088623046875
NODE1049X	NODE641X	NODE524X	0.97088623046875
NODE1050X	GENE2313X	NODE701X	0.97088623046875
NODE1051X	GENE2354X	GENE2353X	0.9708251953125
NODE1052X	NODE361X	GENE2884X	0.9708251953125
NODE1053X	GENE1877X	GENE1873X	0.97076416015625
NODE1054X	GENE602X	GENE601X	0.970703125
NODE1055X	NODE368X	GENE2859X	0.97064208984375
NODE1056X	NODE822X	NODE731X	0.97064208984375
NODE1057X	GENE1217X	GENE1216X	0.9705810546875
NODE1058X	GENE2484X	GENE2483X	0.9705810546875
NODE1059X	NODE520X	GENE560X	0.97052001953125
NODE1060X	NODE310X	NODE683X	0.97052001953125
NODE1061X	GENE2318X	GENE2317X	0.970458984375
NODE1062X	GENE463X	NODE431X	0.9703369140625
NODE1063X	GENE1848X	GENE1847X	0.9703369140625
NODE1064X	NODE660X	NODE255X	0.9703369140625
NODE1065X	NODE543X	NODE568X	0.9703369140625
NODE1066X	NODE321X	NODE732X	0.9703369140625
NODE1067X	GENE2105X	NODE765X	0.9703369140625
NODE1068X	NODE553X	GENE727X	0.97027587890625
NODE1069X	NODE740X	NODE795X	0.97027587890625
NODE1070X	GENE1917X	GENE1916X	0.97021484375
NODE1071X	NODE266X	GENE1990X	0.97021484375
NODE1072X	NODE844X	GENE2146X	0.97015380859375
NODE1073X	NODE711X	NODE523X	0.9700927734375
NODE1074X	GENE2155X	GENE2154X	0.97003173828125
NODE1075X	GENE2690X	GENE2689X	0.97003173828125
NODE1076X	NODE745X	NODE347X	0.97003173828125
NODE1077X	NODE403X	GENE2031X	0.969970703125
NODE1078X	GENE2945X	NODE841X	0.969970703125
NODE1079X	NODE857X	GENE2624X	0.969970703125
NODE1080X	GENE2409X	GENE2407X	0.96990966796875
NODE1081X	GENE2300X	GENE2299X	0.9698486328125
NODE1082X	NODE487X	GENE2557X	0.9698486328125
NODE1083X	NODE679X	NODE527X	0.9698486328125

NODE1084X	NODE957X	NODE834X	0.9698486328125
NODE1085X	NODE617X	GENE518X	0.96978759765625
NODE1086X	GENE1985X	NODE864X	0.96978759765625
NODE1087X	GENE2724X	GENE2723X	0.9697265625
NODE1088X	GENE621X	GENE620X	0.9696044921875
NODE1089X	NODE637X	NODE892X	0.9696044921875
NODE1090X	NODE715X	NODE407X	0.96954345703125
NODE1091X	GENE1466X	GENE1465X	0.969482421875
NODE1092X	NODE391X	NODE594X	0.96942138671875
NODE1093X	NODE411X	NODE442X	0.96942138671875
NODE1094X	NODE453X	GENE1219X	0.96929931640625
NODE1095X	GENE1805X	GENE1804X	0.96923828125
NODE1096X	GENE2738X	GENE2737X	0.96917724609375
NODE1097X	GENE1957X	GENE1947X	0.9691162109375
NODE1098X	NODE589X	GENE1986X	0.9691162109375
NODE1099X	GENE1064X	GENE1063X	0.96905517578125
NODE1100X	GENE1548X	GENE1547X	0.96905517578125
NODE1101X	GENE1187X	NODE501X	0.968994140625
NODE1102X	GENE1994X	GENE1993X	0.968994140625
NODE1103X	NODE746X	GENE176X	0.96893310546875
NODE1104X	NODE779X	GENE2193X	0.96893310546875
NODE1105X	GENE1043X	GENE575X	0.9688720703125
NODE1106X	NODE522X	GENE2909X	0.9688720703125
NODE1107X	GENE924X	GENE923X	0.96868896484375
NODE1108X	NODE830X	GENE1277X	0.96868896484375
NODE1109X	GENE2522X	GENE2519X	0.96868896484375
NODE1110X	GENE2592X	GENE2591X	0.96868896484375
NODE1111X	GENE291X	GENE290X	0.9686279296875
NODE1112X	GENE1997X	NODE824X	0.9686279296875
NODE1113X	GENE1296X	NODE485X	0.96856689453125
NODE1114X	GENE1790X	GENE1789X	0.96856689453125
NODE1115X	GENE1801X	GENE1800X	0.96856689453125
NODE1116X	GENE2071X	GENE2070X	0.968505859375
NODE1117X	GENE2108X	GENE2107X	0.96844482421875
NODE1118X	NODE539X	NODE591X	0.9683837890625
NODE1119X	GENE1554X	GENE1553X	0.96832275390625
NODE1120X	GENE2457X	GENE2456X	0.96832275390625
NODE1121X	NODE808X	NODE676X	0.96832275390625
NODE1122X	NODE997X	GENE96X	0.96826171875
NODE1123X	GENE978X	GENE922X	0.96826171875
NODE1124X	NODE612X	NODE853X	0.96826171875
NODE1125X	GENE1051X	NODE689X	0.96820068359375
NODE1126X	GENE1348X	GENE1347X	0.96820068359375
NODE1127X	GENE1975X	GENE1974X	0.96807861328125
NODE1128X	NODE942X	NODE247X	0.968017578125
NODE1129X	GENE447X	NODE710X	0.96795654296875
NODE1130X	GENE2364X	GENE2363X	0.96795654296875
NODE1131X	GENE2274X	GENE1841X	0.9678955078125
NODE1132X	GENE1803X	GENE1802X	0.96783447265625
NODE1133X	NODE619X	NODE656X	0.96783447265625
NODE1134X	GENE1405X	GENE1404X	0.9677734375
NODE1135X	GENE1507X	GENE1506X	0.9677734375
NODE1136X	NODE180X	GENE1943X	0.9677734375
NODE1137X	GENE2615X	NODE726X	0.9677734375
NODE1138X	GENE1359X	GENE1092X	0.96771240234375
NODE1139X	GENE2532X	GENE2531X	0.96771240234375
NODE1140X	GENE977X	NODE508X	0.9676513671875

NODE1141X	NODE695X	NODE542X	0.96759033203125
NODE1142X	NODE938X	NODE586X	0.96759033203125
NODE1143X	GENE1203X	GENE1202X	0.96746826171875
NODE1144X	NODE603X	NODE962X	0.96746826171875
NODE1145X	NODE819X	NODE1024X	0.96746826171875
NODE1146X	NODE608X	GENE2693X	0.9674072265625
NODE1147X	NODE685X	NODE813X	0.9674072265625
NODE1148X	GENE1964X	NODE814X	0.96728515625
NODE1149X	GENE2291X	GENE2290X	0.96728515625
NODE1150X	NODE1052X	GENE2883X	0.96728515625
NODE1151X	GENE185X	NODE259X	0.96722412109375
NODE1152X	GENE607X	GENE606X	0.96722412109375
NODE1153X	GENE1732X	GENE1731X	0.96722412109375
NODE1154X	NODE452X	GENE198X	0.96710205078125
NODE1155X	GENE635X	GENE634X	0.96710205078125
NODE1156X	NODE414X	NODE930X	0.967041015625
NODE1157X	GENE2406X	GENE2405X	0.96697998046875
NODE1158X	GENE1194X	GENE1193X	0.9669189453125
NODE1159X	NODE627X	NODE592X	0.96685791015625
NODE1160X	GENE807X	GENE806X	0.966796875
NODE1161X	GENE2128X	GENE2127X	0.966796875
NODE1162X	NODE888X	GENE1195X	0.966796875
NODE1163X	GENE725X	GENE724X	0.96673583984375
NODE1164X	GENE742X	NODE432X	0.96673583984375
NODE1165X	GENE1146X	GENE747X	0.96673583984375
NODE1166X	NODE639X	NODE599X	0.96673583984375
NODE1167X	NODE775X	NODE728X	0.96673583984375
NODE1168X	GENE864X	NODE789X	0.9666748046875
NODE1169X	GENE1293X	GENE1292X	0.96649169921875
NODE1170X	NODE649X	NODE1038X	0.96636962890625
NODE1171X	GENE1278X	NODE803X	0.96630859375
NODE1172X	GENE2316X	GENE2315X	0.96630859375
NODE1173X	GENE2447X	NODE325X	0.96630859375
NODE1174X	GENE2871X	NODE567X	0.96630859375
NODE1175X	NODE489X	NODE694X	0.96630859375
NODE1176X	NODE1072X	NODE547X	0.96630859375
NODE1177X	NODE1013X	NODE722X	0.96630859375
NODE1178X	NODE991X	NODE385X	0.96630859375
NODE1179X	GENE2131X	GENE1953X	0.96624755859375
NODE1180X	NODE1117X	GENE2104X	0.96612548828125
NODE1181X	GENE2091X	GENE2090X	0.966064453125
NODE1182X	NODE801X	GENE2767X	0.966064453125
NODE1183X	GENE1200X	GENE1199X	0.96600341796875
NODE1184X	GENE721X	GENE720X	0.9659423828125
NODE1185X	GENE2266X	GENE2265X	0.9659423828125
NODE1186X	GENE1263X	GENE1262X	0.9658203125
NODE1187X	NODE621X	NODE1118X	0.9658203125
NODE1188X	NODE445X	GENE2132X	0.96575927734375
NODE1189X	GENE2466X	NODE398X	0.96575927734375
NODE1190X	GENE1241X	GENE1240X	0.9656982421875
NODE1191X	GENE2011X	NODE609X	0.96563720703125
NODE1192X	NODE422X	GENE2677X	0.96563720703125
NODE1193X	NODE577X	GENE1843X	0.965576171875
NODE1194X	GENE2446X	GENE1906X	0.96551513671875
NODE1195X	GENE1224X	GENE192X	0.9654541015625
NODE1196X	GENE674X	GENE673X	0.9654541015625
NODE1197X	NODE788X	GENE751X	0.9654541015625

NODE1198X	GENE1341X	GENE1208X	0.9654541015625
NODE1199X	GENE1728X	GENE1727X	0.9654541015625
NODE1200X	GENE2326X	GENE2325X	0.9654541015625
NODE1201X	GENE2158X	GENE2156X	0.96539306640625
NODE1202X	GENE599X	GENE598X	0.96533203125
NODE1203X	GENE965X	NODE858X	0.96533203125
NODE1204X	NODE677X	NODE741X	0.96533203125
NODE1205X	GENE2343X	NODE698X	0.96533203125
NODE1206X	GENE1232X	GENE1231X	0.9652099609375
NODE1207X	NODE653X	GENE1870X	0.9652099609375
NODE1208X	GENE2089X	GENE2088X	0.9652099609375
NODE1209X	NODE96X	NODE961X	0.9652099609375
NODE1210X	NODE925X	NODE505X	0.9652099609375
NODE1211X	NODE757X	NODE659X	0.9652099609375
NODE1212X	GENE981X	GENE980X	0.96514892578125
NODE1213X	GENE1153X	GENE1152X	0.96514892578125
NODE1214X	GENE1159X	NODE838X	0.96514892578125
NODE1215X	NODE867X	NODE657X	0.965087890625
NODE1216X	NODE951X	NODE874X	0.965087890625
NODE1217X	GENE1107X	GENE1106X	0.96502685546875
NODE1218X	GENE2730X	GENE2729X	0.96502685546875
NODE1219X	NODE1137X	NODE638X	0.96502685546875
NODE1220X	NODE946X	GENE121X	0.96490478515625
NODE1221X	GENE730X	GENE712X	0.96490478515625
NODE1222X	NODE894X	NODE661X	0.96490478515625
NODE1223X	GENE1266X	GENE1265X	0.96484375
NODE1224X	NODE651X	NODE441X	0.96484375
NODE1225X	NODE766X	NODE815X	0.96484375
NODE1226X	GENE594X	NODE842X	0.96478271484375
NODE1227X	GENE1215X	GENE1214X	0.96478271484375
NODE1228X	GENE2920X	GENE1950X	0.96478271484375
NODE1229X	GENE1908X	GENE1907X	0.96466064453125
NODE1230X	GENE2198X	GENE2197X	0.96466064453125
NODE1231X	GENE2112X	NODE615X	0.964599609375
NODE1232X	GENE2725X	NODE1087X	0.964599609375
NODE1233X	NODE518X	NODE983X	0.9644775390625
NODE1234X	NODE551X	NODE672X	0.9644775390625
NODE1235X	GENE1471X	NODE809X	0.9644775390625
NODE1236X	GENE1110X	GENE1109X	0.96441650390625
NODE1237X	NODE1082X	GENE2564X	0.96441650390625
NODE1238X	GENE821X	GENE820X	0.9642333984375
NODE1239X	GENE2650X	NODE658X	0.9642333984375
NODE1240X	GENE2629X	NODE631X	0.96417236328125
NODE1241X	GENE265X	NODE623X	0.964111328125
NODE1242X	GENE1979X	GENE1978X	0.964111328125
NODE1243X	NODE632X	GENE2736X	0.964111328125
NODE1244X	NODE175X	NODE636X	0.96405029296875
NODE1245X	GENE2328X	GENE2327X	0.9639892578125
NODE1246X	NODE604X	GENE2511X	0.9639892578125
NODE1247X	GENE578X	GENE577X	0.96380615234375
NODE1248X	GENE1691X	GENE1690X	0.9637451171875
NODE1249X	NODE709X	NODE233X	0.9637451171875
NODE1250X	GENE678X	GENE677X	0.96368408203125
NODE1251X	NODE937X	NODE381X	0.96368408203125
NODE1252X	GENE539X	NODE785X	0.963623046875
NODE1253X	GENE1892X	GENE1891X	0.963623046875
NODE1254X	GENE1239X	GENE1238X	0.9635009765625

NODE1255X	GENE1422X	NODE536X	0.9635009765625
NODE1256X	GENE1839X	GENE1838X	0.9635009765625
NODE1257X	GENE1769X	GENE1768X	0.96331787109375
NODE1258X	GENE2272X	GENE2271X	0.96331787109375
NODE1259X	NODE409X	NODE935X	0.9632568359375
NODE1260X	NODE956X	NODE482X	0.9632568359375
NODE1261X	GENE543X	NODE748X	0.96319580078125
NODE1262X	NODE706X	GENE2123X	0.96319580078125
NODE1263X	NODE971X	NODE477X	0.963134765625
NODE1264X	GENE2682X	GENE2171X	0.96307373046875
NODE1265X	GENE2959X	NODE480X	0.96307373046875
NODE1266X	NODE843X	NODE574X	0.96307373046875
NODE1267X	NODE558X	NODE985X	0.96307373046875
NODE1268X	GENE814X	GENE813X	0.9630126953125
NODE1269X	NODE1151X	NODE605X	0.9630126953125
NODE1270X	GENE1502X	GENE1501X	0.9627685546875
NODE1271X	NODE917X	NODE996X	0.9627685546875
NODE1272X	GENE1101X	GENE697X	0.962646484375
NODE1273X	GENE1244X	GENE1242X	0.962646484375
NODE1274X	GENE1951X	NODE729X	0.962646484375
NODE1275X	GENE1730X	GENE1729X	0.96258544921875
NODE1276X	GENE1961X	GENE1960X	0.96258544921875
NODE1277X	NODE413X	NODE471X	0.9625244140625
NODE1278X	NODE934X	GENE2701X	0.96246337890625
NODE1279X	NODE687X	NODE886X	0.96246337890625
NODE1280X	GENE1301X	GENE1300X	0.96240234375
NODE1281X	NODE630X	GENE957X	0.96221923828125
NODE1282X	NODE1187X	NODE751X	0.96221923828125
NODE1283X	GENE652X	NODE1005X	0.962158203125
NODE1284X	GENE951X	NODE847X	0.962158203125
NODE1285X	GENE2189X	NODE475X	0.962158203125
NODE1286X	GENE2715X	NODE1007X	0.962158203125
NODE1287X	NODE782X	NODE798X	0.96209716796875
NODE1288X	NODE835X	GENE334X	0.9620361328125
NODE1289X	GENE1337X	NODE597X	0.9620361328125
NODE1290X	NODE929X	GENE2098X	0.9620361328125
NODE1291X	GENE2544X	GENE2543X	0.9620361328125
NODE1292X	NODE596X	GENE2942X	0.9620361328125
NODE1293X	GENE2634X	GENE2633X	0.96197509765625
NODE1294X	GENE1856X	GENE1855X	0.96185302734375
NODE1295X	NODE922X	NODE846X	0.96185302734375
NODE1296X	GENE1756X	GENE1755X	0.9617919921875
NODE1297X	NODE840X	NODE666X	0.96173095703125
NODE1298X	GENE670X	NODE439X	0.9615478515625
NODE1299X	NODE743X	NODE356X	0.9615478515625
NODE1300X	NODE1032X	NODE812X	0.9615478515625
NODE1301X	NODE215X	NODE1066X	0.96148681640625
NODE1302X	NODE787X	NODE404X	0.96148681640625
NODE1303X	GENE467X	NODE752X	0.96136474609375
NODE1304X	GENE819X	GENE818X	0.961181640625
NODE1305X	GENE1831X	GENE1830X	0.96112060546875
NODE1306X	NODE492X	NODE958X	0.96112060546875
NODE1307X	GENE1490X	GENE1489X	0.9610595703125
NODE1308X	GENE1498X	GENE1497X	0.9609375
NODE1309X	NODE749X	NODE980X	0.9609375
NODE1310X	GENE748X	NODE688X	0.96087646484375
NODE1311X	GENE2523X	GENE2516X	0.96087646484375

NODE1312X	GENE867X	GENE866X	0.9608154296875
NODE1313X	GENE1236X	GENE1235X	0.96075439453125
NODE1314X	GENE2208X	GENE2207X	0.96075439453125
NODE1315X	GENE2444X	GENE2443X	0.96075439453125
NODE1316X	NODE1037X	GENE953X	0.960693359375
NODE1317X	NODE883X	GENE2040X	0.960693359375
NODE1318X	NODE598X	NODE720X	0.9605712890625
NODE1319X	NODE616X	NODE832X	0.9605712890625
NODE1320X	GENE2378X	GENE2377X	0.96051025390625
NODE1321X	NODE708X	NODE533X	0.96038818359375
NODE1322X	NODE963X	NODE635X	0.96038818359375
NODE1323X	NODE856X	NODE1175X	0.96038818359375
NODE1324X	GENE2168X	GENE2167X	0.9603271484375
NODE1325X	NODE1036X	NODE550X	0.9603271484375
NODE1326X	GENE2181X	GENE2178X	0.96026611328125
NODE1327X	GENE1452X	GENE1451X	0.960205078125
NODE1328X	NODE673X	NODE1204X	0.960205078125
NODE1329X	GENE586X	GENE585X	0.96014404296875
NODE1330X	GENE739X	GENE738X	0.96014404296875
NODE1331X	GENE761X	GENE760X	0.96014404296875
NODE1332X	NODE1136X	GENE1942X	0.96014404296875
NODE1333X	GENE918X	NODE611X	0.9600830078125
NODE1334X	NODE823X	GENE1319X	0.9600830078125
NODE1335X	NODE654X	NODE783X	0.96002197265625
NODE1336X	GENE565X	NODE759X	0.9599609375
NODE1337X	NODE927X	GENE1181X	0.95977783203125
NODE1338X	NODE816X	NODE976X	0.95977783203125
NODE1339X	GENE1251X	GENE1250X	0.95965576171875
NODE1340X	GENE1150X	GENE203X	0.9595947265625
NODE1341X	GENE1010X	GENE1009X	0.9595947265625
NODE1342X	NODE826X	NODE674X	0.9595947265625
NODE1343X	NODE1093X	NODE913X	0.9595947265625
NODE1344X	GENE1204X	NODE1023X	0.95947265625
NODE1345X	GENE1546X	GENE1545X	0.95941162109375
NODE1346X	NODE1049X	NODE993X	0.95941162109375
NODE1347X	GENE2278X	GENE2277X	0.9593505859375
NODE1348X	NODE1178X	NODE878X	0.95928955078125
NODE1349X	GENE2230X	GENE2229X	0.959228515625
NODE1350X	NODE1108X	GENE1280X	0.95916748046875
NODE1351X	GENE1706X	GENE1705X	0.9591064453125
NODE1352X	NODE1060X	NODE820X	0.9591064453125
NODE1353X	GENE2304X	GENE2303X	0.958984375
NODE1354X	NODE655X	NODE341X	0.958984375
NODE1355X	NODE940X	NODE862X	0.958984375
NODE1356X	GENE622X	NODE1088X	0.95892333984375
NODE1357X	GENE427X	NODE872X	0.9588623046875
NODE1358X	GENE834X	GENE833X	0.9588623046875
NODE1359X	GENE2113X	NODE1231X	0.9588623046875
NODE1360X	NODE478X	GENE906X	0.95880126953125
NODE1361X	NODE939X	NODE566X	0.95880126953125
NODE1362X	NODE753X	NODE899X	0.958740234375
NODE1363X	NODE774X	GENE2892X	0.95867919921875
NODE1364X	NODE955X	GENE2876X	0.95867919921875
NODE1365X	GENE610X	GENE609X	0.9586181640625
NODE1366X	GENE627X	GENE626X	0.9586181640625
NODE1367X	NODE1260X	GENE2287X	0.9586181640625
NODE1368X	NODE800X	NODE1249X	0.95849609375

NODE1369X	NODE693X	GENE940X	0.95843505859375
NODE1370X	GENE1336X	GENE1335X	0.9583740234375
NODE1371X	GENE2751X	NODE855X	0.9583740234375
NODE1372X	GENE2630X	NODE1240X	0.9583740234375
NODE1373X	NODE911X	NODE848X	0.95831298828125
NODE1374X	NODE1335X	NODE730X	0.95831298828125
NODE1375X	NODE216X	GENE1819X	0.958251953125
NODE1376X	GENE935X	GENE934X	0.95819091796875
NODE1377X	NODE908X	GENE1338X	0.9581298828125
NODE1378X	GENE1448X	GENE1447X	0.9581298828125
NODE1379X	NODE839X	NODE807X	0.9580078125
NODE1380X	NODE723X	GENE55X	0.95794677734375
NODE1381X	GENE718X	NODE881X	0.95794677734375
NODE1382X	GENE1936X	GENE1935X	0.95794677734375
NODE1383X	NODE1150X	NODE828X	0.95794677734375
NODE1384X	GENE2844X	GENE2843X	0.9578857421875
NODE1385X	GENE728X	GENE726X	0.95782470703125
NODE1386X	GENE2620X	GENE2618X	0.95782470703125
NODE1387X	NODE494X	NODE918X	0.95782470703125
NODE1388X	NODE1042X	NODE979X	0.957763671875
NODE1389X	GENE1104X	GENE1103X	0.95770263671875
NODE1390X	NODE1126X	NODE392X	0.95770263671875
NODE1391X	GENE1860X	GENE1859X	0.9576416015625
NODE1392X	GENE2423X	GENE2419X	0.9576416015625
NODE1393X	NODE1170X	NODE714X	0.9576416015625
NODE1394X	GENE736X	NODE870X	0.95758056640625
NODE1395X	NODE739X	GENE1918X	0.95758056640625
NODE1396X	GENE545X	NODE1014X	0.95758056640625
NODE1397X	NODE859X	GENE1530X	0.95758056640625
NODE1398X	GENE600X	NODE512X	0.95751953125
NODE1399X	NODE837X	GENE2160X	0.95751953125
NODE1400X	NODE1167X	NODE1266X	0.95745849609375
NODE1401X	NODE1141X	GENE216X	0.95733642578125
NODE1402X	GENE535X	NODE875X	0.95733642578125
NODE1403X	NODE954X	NODE829X	0.95733642578125
NODE1404X	GENE2306X	GENE2305X	0.95709228515625
NODE1405X	NODE776X	NODE1300X	0.95709228515625
NODE1406X	GENE2273X	NODE1131X	0.95703125
NODE1407X	NODE705X	NODE570X	0.95697021484375
NODE1408X	NODE1216X	NODE817X	0.9569091796875
NODE1409X	NODE544X	NODE1144X	0.95684814453125
NODE1410X	NODE1215X	NODE984X	0.95684814453125
NODE1411X	GENE2902X	NODE572X	0.956787109375
NODE1412X	GENE693X	NODE684X	0.95672607421875
NODE1413X	GENE2500X	GENE2499X	0.95672607421875
NODE1414X	NODE1205X	NODE435X	0.95672607421875
NODE1415X	NODE1337X	NODE790X	0.95672607421875
NODE1416X	NODE1092X	NODE1251X	0.9566650390625
NODE1417X	GENE2395X	GENE2394X	0.95660400390625
NODE1418X	NODE1221X	NODE873X	0.95654296875
NODE1419X	GENE702X	NODE1017X	0.95648193359375
NODE1420X	GENE1072X	NODE1099X	0.9564208984375
NODE1421X	NODE707X	NODE562X	0.9564208984375
NODE1422X	NODE1068X	NODE1259X	0.95635986328125
NODE1423X	NODE454X	NODE806X	0.95623779296875
NODE1424X	NODE882X	NODE910X	0.9561767578125
NODE1425X	GENE894X	GENE893X	0.95611572265625

NODE1426X	GENE1190X	NODE450X	0.95611572265625
NODE1427X	GENE2434X	GENE2433X	0.95611572265625
NODE1428X	GENE2556X	GENE2555X	0.95611572265625
NODE1429X	NODE1039X	NODE964X	0.95611572265625
NODE1430X	NODE1121X	NODE1073X	0.95599365234375
NODE1431X	GENE945X	GENE944X	0.95587158203125
NODE1432X	GENE948X	NODE780X	0.95587158203125
NODE1433X	NODE1199X	GENE1724X	0.955810546875
NODE1434X	NODE999X	NODE1239X	0.955810546875
NODE1435X	GENE2956X	GENE2955X	0.95562744140625
NODE1436X	NODE1124X	NODE767X	0.95556640625
NODE1437X	GENE1061X	GENE1060X	0.9554443359375
NODE1438X	GENE1069X	NODE1267X	0.9554443359375
NODE1439X	NODE1010X	GENE1875X	0.9554443359375
NODE1440X	NODE511X	NODE762X	0.9554443359375
NODE1441X	NODE455X	NODE1081X	0.95538330078125
NODE1442X	GENE850X	GENE849X	0.955322265625
NODE1443X	NODE564X	NODE921X	0.955322265625
NODE1444X	NODE1184X	NODE952X	0.95526123046875
NODE1445X	GENE870X	GENE768X	0.95513916015625
NODE1446X	NODE1302X	GENE2653X	0.955078125
NODE1447X	NODE804X	GENE1946X	0.9549560546875
NODE1448X	GENE1261X	GENE1254X	0.95489501953125
NODE1449X	NODE727X	GENE2412X	0.95489501953125
NODE1450X	NODE945X	NODE914X	0.95489501953125
NODE1451X	GENE1989X	NODE1098X	0.95489501953125
NODE1452X	NODE460X	GENE2731X	0.954833984375
NODE1453X	GENE1082X	GENE1081X	0.9547119140625
NODE1454X	GENE2550X	GENE2549X	0.9547119140625
NODE1455X	GENE1541X	GENE1540X	0.95465087890625
NODE1456X	GENE683X	GENE682X	0.95452880859375
NODE1457X	NODE1059X	NODE992X	0.95452880859375
NODE1458X	NODE1112X	NODE1102X	0.95452880859375
NODE1459X	GENE1535X	GENE1534X	0.95428466796875
NODE1460X	GENE2109X	NODE1180X	0.95416259765625
NODE1461X	NODE1234X	NODE1149X	0.9541015625
NODE1462X	GENE2766X	GENE2744X	0.95404052734375
NODE1463X	NODE968X	NODE1020X	0.95404052734375
NODE1464X	GENE920X	GENE194X	0.95391845703125
NODE1465X	NODE1026X	GENE2722X	0.95391845703125
NODE1466X	GENE2875X	NODE700X	0.95391845703125
NODE1467X	GENE2061X	GENE2060X	0.953857421875
NODE1468X	GENE2097X	NODE907X	0.95379638671875
NODE1469X	GENE1288X	GENE1287X	0.9537353515625
NODE1470X	GENE1938X	GENE1937X	0.9537353515625
NODE1471X	GENE2623X	GENE2622X	0.95361328125
NODE1472X	GENE1773X	GENE1772X	0.95343017578125
NODE1473X	GENE1555X	NODE1119X	0.95343017578125
NODE1474X	NODE1210X	NODE973X	0.953369140625
NODE1475X	GENE1441X	NODE1002X	0.95330810546875
NODE1476X	NODE427X	NODE836X	0.9532470703125
NODE1477X	NODE982X	NODE1222X	0.9532470703125
NODE1478X	NODE691X	GENE2268X	0.953125
NODE1479X	NODE754X	NODE1326X	0.953125
NODE1480X	GENE809X	GENE808X	0.95306396484375
NODE1481X	GENE2498X	GENE2497X	0.95306396484375
NODE1482X	NODE1321X	NODE364X	0.9530029296875

NODE1483X	NODE580X	NODE1085X	0.9530029296875
NODE1484X	GENE1429X	NODE1255X	0.9530029296875
NODE1485X	GENE1796X	GENE1795X	0.95294189453125
NODE1486X	GENE226X	NODE622X	0.95281982421875
NODE1487X	GENE1406X	NODE1134X	0.95281982421875
NODE1488X	NODE1407X	NODE943X	0.95281982421875
NODE1489X	NODE1168X	GENE861X	0.9527587890625
NODE1490X	NODE697X	NODE1113X	0.9527587890625
NODE1491X	NODE1091X	GENE1464X	0.95269775390625
NODE1492X	GENE1694X	GENE1693X	0.95269775390625
NODE1493X	GENE2262X	GENE2261X	0.95269775390625
NODE1494X	NODE851X	NODE1424X	0.95263671875
NODE1495X	NODE650X	NODE1201X	0.95263671875
NODE1496X	GENE1097X	GENE1096X	0.9525146484375
NODE1497X	NODE537X	GENE1893X	0.9525146484375
NODE1498X	NODE643X	NODE1025X	0.9525146484375
NODE1499X	NODE1123X	NODE791X	0.952392578125
NODE1500X	GENE1940X	GENE1939X	0.9522705078125
NODE1501X	NODE1086X	NODE877X	0.9521484375
NODE1502X	GENE769X	GENE767X	0.95208740234375
NODE1503X	NODE889X	NODE1334X	0.95208740234375
NODE1504X	NODE797X	NODE1101X	0.95196533203125
NODE1505X	GENE1846X	NODE1193X	0.951904296875
NODE1506X	GENE1458X	NODE897X	0.951904296875
NODE1507X	GENE2485X	NODE1058X	0.951904296875
NODE1508X	GENE1149X	NODE1340X	0.951904296875
NODE1509X	NODE1313X	NODE849X	0.95184326171875
NODE1510X	GENE2569X	NODE1428X	0.95184326171875
NODE1511X	NODE915X	GENE2465X	0.95172119140625
NODE1512X	NODE1142X	NODE1430X	0.95172119140625
NODE1513X	GENE2094X	GENE2093X	0.95166015625
NODE1514X	NODE735X	NODE1166X	0.9515380859375
NODE1515X	NODE516X	GENE671X	0.95147705078125
NODE1516X	NODE253X	GENE1557X	0.95147705078125
NODE1517X	NODE1288X	NODE953X	0.951416015625
NODE1518X	GENE1824X	GENE1823X	0.95135498046875
NODE1519X	NODE1152X	NODE662X	0.95135498046875
NODE1520X	NODE1394X	GENE656X	0.95135498046875
NODE1521X	NODE1196X	GENE672X	0.9512939453125
NODE1522X	GENE1886X	GENE1885X	0.95123291015625
NODE1523X	GENE2052X	NODE1064X	0.951171875
NODE1524X	GENE1720X	GENE1719X	0.95111083984375
NODE1525X	NODE755X	GENE2951X	0.95111083984375
NODE1526X	GENE676X	GENE675X	0.9510498046875
NODE1527X	GENE771X	GENE770X	0.9510498046875
NODE1528X	NODE950X	NODE1390X	0.95098876953125
NODE1529X	GENE1793X	GENE1723X	0.95086669921875
NODE1530X	GENE2467X	GENE2453X	0.9508056640625
NODE1531X	NODE1105X	NODE1016X	0.95074462890625
NODE1532X	GENE1056X	GENE952X	0.95062255859375
NODE1533X	NODE1041X	NODE1109X	0.95062255859375
NODE1534X	GENE1472X	NODE1235X	0.95062255859375
NODE1535X	GENE2192X	NODE1048X	0.9505615234375
NODE1536X	NODE1338X	NODE1344X	0.9505615234375
NODE1537X	GENE2126X	NODE969X	0.950439453125
NODE1538X	GENE2413X	NODE1181X	0.950439453125
NODE1539X	NODE1281X	NODE1316X	0.950439453125

NODE1540X	NODE1384X	GENE2842X	0.950439453125
NODE1541X	GENE1854X	GENE1853X	0.95037841796875
NODE1542X	NODE1317X	GENE2039X	0.95037841796875
NODE1543X	NODE970X	NODE1282X	0.95037841796875
NODE1544X	GENE1102X	GENE550X	0.9503173828125
NODE1545X	GENE666X	GENE665X	0.9503173828125
NODE1546X	GENE1901X	GENE1900X	0.95025634765625
NODE1547X	NODE831X	GENE2526X	0.95025634765625
NODE1548X	NODE1354X	NODE1111X	0.9501953125
NODE1549X	NODE1062X	GENE292X	0.95013427734375
NODE1550X	GENE205X	NODE794X	0.9500732421875
NODE1551X	GENE1726X	GENE1725X	0.9500732421875
NODE1552X	NODE1421X	NODE868X	0.95001220703125
NODE1553X	NODE1305X	GENE1829X	0.9498291015625
NODE1554X	GENE1158X	GENE1157X	0.94970703125
NODE1555X	NODE532X	NODE747X	0.9495849609375
NODE1556X	GENE832X	GENE831X	0.949462890625
NODE1557X	NODE1311X	GENE2515X	0.94940185546875
NODE1558X	GENE2595X	GENE2594X	0.9493408203125
NODE1559X	NODE690X	NODE854X	0.9493408203125
NODE1560X	GENE789X	GENE788X	0.94927978515625
NODE1561X	GENE2410X	NODE1080X	0.94927978515625
NODE1562X	GENE1411X	GENE1410X	0.94921875
NODE1563X	GENE2714X	GENE2713X	0.94921875
NODE1564X	GENE2540X	GENE2539X	0.9490966796875
NODE1565X	GENE655X	GENE654X	0.94903564453125
NODE1566X	NODE1346X	NODE1177X	0.94903564453125
NODE1567X	NODE1164X	NODE1330X	0.94903564453125
NODE1568X	GENE763X	GENE762X	0.948974609375
NODE1569X	GENE926X	NODE1044X	0.948974609375
NODE1570X	GENE1904X	GENE1903X	0.94891357421875
NODE1571X	GENE1709X	GENE1708X	0.94873046875
NODE1572X	NODE702X	NODE1033X	0.94873046875
NODE1573X	NODE750X	NODE1128X	0.94873046875
NODE1574X	NODE1161X	GENE2117X	0.9486083984375
NODE1575X	NODE1029X	GENE624X	0.9482421875
NODE1576X	GENE636X	NODE895X	0.9482421875
NODE1577X	GENE1509X	GENE1508X	0.9482421875
NODE1578X	NODE646X	GENE936X	0.9481201171875
NODE1579X	GENE2267X	NODE1185X	0.9481201171875
NODE1580X	NODE1246X	GENE2510X	0.94793701171875
NODE1581X	GENE197X	GENE193X	0.9478759765625
NODE1582X	GENE1883X	NODE1000X	0.94769287109375
NODE1583X	NODE620X	NODE1056X	0.94769287109375
NODE1584X	NODE865X	NODE1269X	0.9476318359375
NODE1585X	GENE773X	GENE772X	0.94757080078125
NODE1586X	GENE800X	GENE799X	0.94757080078125
NODE1587X	GENE2391X	GENE2210X	0.9473876953125
NODE1588X	GENE2719X	NODE1237X	0.9471435546875
NODE1589X	GENE2589X	GENE2588X	0.94677734375
NODE1590X	GENE1766X	GENE1765X	0.94659423828125
NODE1591X	GENE1850X	GENE1849X	0.946533203125
NODE1592X	GENE2436X	GENE2435X	0.94622802734375
NODE1593X	NODE1145X	NODE1129X	0.94622802734375
NODE1594X	GENE919X	NODE1333X	0.94622802734375
NODE1595X	NODE1277X	NODE1122X	0.9461669921875
NODE1596X	NODE1189X	NODE764X	0.94598388671875

NODE1597X	GENE2280X	GENE2279X	0.94580078125
NODE1598X	GENE1620X	GENE1619X	0.94573974609375
NODE1599X	GENE2008X	NODE1209X	0.94573974609375
NODE1600X	NODE1208X	GENE2087X	0.94573974609375
NODE1601X	GENE648X	NODE1156X	0.945556640625
NODE1602X	GENE1005X	NODE769X	0.94549560546875
NODE1603X	GENE1073X	GENE595X	0.9454345703125
NODE1604X	GENE2404X	GENE2403X	0.9454345703125
NODE1605X	GENE2473X	NODE763X	0.94537353515625
NODE1606X	NODE978X	NODE1409X	0.9453125
NODE1607X	GENE1259X	NODE876X	0.94525146484375
NODE1608X	GENE2067X	GENE2066X	0.945068359375
NODE1609X	NODE1243X	NODE1286X	0.945068359375
NODE1610X	NODE1380X	NODE1429X	0.945068359375
NODE1611X	GENE1155X	NODE1213X	0.94500732421875
NODE1612X	NODE1550X	NODE869X	0.94500732421875
NODE1613X	NODE941X	NODE1325X	0.9449462890625
NODE1614X	GENE757X	GENE756X	0.94488525390625
NODE1615X	NODE1225X	NODE1011X	0.94488525390625
NODE1616X	NODE1253X	NODE933X	0.94476318359375
NODE1617X	NODE1416X	NODE1211X	0.944580078125
NODE1618X	GENE2458X	NODE1120X	0.94451904296875
NODE1619X	GENE1084X	GENE1083X	0.94439697265625
NODE1620X	GENE653X	NODE1283X	0.9443359375
NODE1621X	NODE887X	NODE947X	0.9443359375
NODE1622X	NODE1004X	NODE948X	0.9442138671875
NODE1623X	GENE2482X	GENE2481X	0.944091796875
NODE1624X	NODE990X	NODE1567X	0.944091796875
NODE1625X	GENE568X	GENE567X	0.94403076171875
NODE1626X	GENE1030X	NODE1355X	0.94403076171875
NODE1627X	GENE603X	NODE1054X	0.94390869140625
NODE1628X	NODE1466X	NODE1174X	0.94378662109375
NODE1629X	NODE1019X	GENE570X	0.9437255859375
NODE1630X	NODE1115X	GENE1799X	0.94366455078125
NODE1631X	GENE2130X	NODE928X	0.94354248046875
NODE1632X	NODE919X	NODE588X	0.94342041015625
NODE1633X	NODE1006X	GENE1878X	0.943359375
NODE1634X	GENE1476X	GENE1475X	0.94329833984375
NODE1635X	GENE611X	NODE1220X	0.94329833984375
NODE1636X	NODE998X	NODE1387X	0.9432373046875
NODE1637X	NODE1154X	NODE1443X	0.9432373046875
NODE1638X	GENE1230X	NODE1147X	0.94317626953125
NODE1639X	GENE1550X	GENE1549X	0.94305419921875
NODE1640X	GENE2221X	GENE2216X	0.9429931640625
NODE1641X	GENE658X	NODE852X	0.94293212890625
NODE1642X	NODE1012X	NODE1179X	0.94293212890625
NODE1643X	GENE1180X	GENE1172X	0.94281005859375
NODE1644X	GENE987X	NODE1034X	0.94281005859375
NODE1645X	NODE1479X	NODE1299X	0.94281005859375
NODE1646X	NODE827X	GENE2635X	0.9427490234375
NODE1647X	NODE1242X	GENE1977X	0.942626953125
NODE1648X	NODE1089X	GENE2012X	0.942626953125
NODE1649X	NODE1155X	NODE896X	0.942626953125
NODE1650X	NODE1530X	NODE884X	0.94256591796875
NODE1651X	NODE1411X	NODE1001X	0.9425048828125
NODE1652X	GENE755X	GENE754X	0.94244384765625
NODE1653X	NODE718X	NODE1188X	0.9423828125

NODE1654X	NODE1557X	NODE342X	0.9422607421875
NODE1655X	GENE2209X	NODE1285X	0.942138671875
NODE1656X	GENE2460X	GENE2459X	0.942138671875
NODE1657X	NODE1143X	GENE1201X	0.94195556640625
NODE1658X	GENE2440X	GENE2439X	0.94195556640625
NODE1659X	GENE2593X	NODE1110X	0.94195556640625
NODE1660X	NODE861X	NODE1075X	0.94189453125
NODE1661X	NODE426X	NODE1296X	0.94189453125
NODE1662X	NODE1324X	NODE805X	0.9417724609375
NODE1663X	NODE686X	GENE1959X	0.94171142578125
NODE1664X	NODE1439X	NODE1053X	0.94171142578125
NODE1665X	NODE1510X	GENE2554X	0.94171142578125
NODE1666X	NODE902X	NODE796X	0.941650390625
NODE1667X	GENE2331X	GENE2329X	0.9415283203125
NODE1668X	NODE1084X	NODE1279X	0.9415283203125
NODE1669X	GENE1385X	GENE1384X	0.94134521484375
NODE1670X	NODE1252X	NODE1065X	0.9412841796875
NODE1671X	NODE1127X	NODE1018X	0.94122314453125
NODE1672X	NODE1140X	NODE628X	0.941162109375
NODE1673X	GENE1426X	GENE1089X	0.94097900390625
NODE1674X	GENE1151X	NODE1508X	0.94097900390625
NODE1675X	NODE965X	NODE799X	0.94097900390625
NODE1676X	GENE228X	GENE227X	0.94091796875
NODE1677X	GENE1771X	GENE1770X	0.94085693359375
NODE1678X	GENE2930X	GENE1954X	0.94085693359375
NODE1679X	NODE1146X	GENE2169X	0.94085693359375
NODE1680X	GENE679X	NODE1250X	0.9407958984375
NODE1681X	NODE1021X	NODE905X	0.9407958984375
NODE1682X	NODE1083X	NODE1449X	0.9407958984375
NODE1683X	GENE2314X	NODE1050X	0.94073486328125
NODE1684X	NODE931X	NODE1359X	0.940673828125
NODE1685X	GENE2427X	GENE2426X	0.9404296875
NODE1686X	NODE1315X	NODE363X	0.9404296875
NODE1687X	NODE633X	NODE1468X	0.9403076171875
NODE1688X	GENE994X	GENE993X	0.94024658203125
NODE1689X	NODE665X	NODE1404X	0.9400634765625
NODE1690X	NODE1401X	NODE1263X	0.94000244140625
NODE1691X	GENE1622X	GENE1621X	0.9398193359375
NODE1692X	NODE974X	NODE901X	0.9398193359375
NODE1693X	NODE1621X	NODE1328X	0.93975830078125
NODE1694X	NODE1574X	NODE712X	0.939697265625
NODE1695X	NODE920X	NODE1138X	0.939697265625
NODE1696X	NODE1452X	NODE1218X	0.939697265625
NODE1697X	GENE2505X	GENE2504X	0.93963623046875
NODE1698X	GENE1716X	GENE1715X	0.93951416015625
NODE1699X	NODE1569X	NODE1318X	0.93951416015625
NODE1700X	GENE1409X	GENE1408X	0.939453125
NODE1701X	GENE1290X	NODE912X	0.93939208984375
NODE1702X	NODE1219X	NODE880X	0.93939208984375
NODE1703X	NODE1633X	NODE768X	0.9393310546875
NODE1704X	GENE1289X	NODE1469X	0.939208984375
NODE1705X	GENE2379X	NODE1320X	0.93914794921875
NODE1706X	GENE1279X	GENE1267X	0.9390869140625
NODE1707X	NODE1480X	NODE1160X	0.9390869140625
NODE1708X	GENE1100X	GENE1099X	0.93902587890625
NODE1709X	GENE1218X	NODE1057X	0.93896484375
NODE1710X	GENE1814X	GENE1813X	0.93896484375

NODE1711X	GENE2370X	GENE2369X	0.93896484375
NODE1712X	GENE871X	GENE869X	0.93890380859375
NODE1713X	NODE761X	NODE1303X	0.93890380859375
NODE1714X	NODE1106X	NODE944X	0.9388427734375
NODE1715X	NODE1125X	GENE1048X	0.93878173828125
NODE1716X	NODE1031X	NODE1241X	0.93878173828125
NODE1717X	NODE1009X	NODE936X	0.938720703125
NODE1718X	GENE1543X	GENE1542X	0.9384765625
NODE1719X	GENE2619X	GENE2617X	0.93841552734375
NODE1720X	NODE1319X	NODE1572X	0.93829345703125
NODE1721X	NODE1481X	GENE2496X	0.93829345703125
NODE1722X	GENE2386X	GENE2385X	0.938232421875
NODE1723X	GENE708X	GENE707X	0.93817138671875
NODE1724X	NODE490X	NODE1097X	0.93817138671875
NODE1725X	NODE1323X	NODE1363X	0.93817138671875
NODE1726X	GENE1431X	GENE1430X	0.9381103515625
NODE1727X	GENE1112X	GENE1111X	0.93804931640625
NODE1728X	NODE1503X	NODE825X	0.93804931640625
NODE1729X	NODE1280X	NODE1015X	0.93804931640625
NODE1730X	NODE793X	NODE1192X	0.9378662109375
NODE1731X	NODE1445X	NODE1502X	0.9378662109375
NODE1732X	NODE1165X	NODE1103X	0.937744140625
NODE1733X	GENE661X	GENE660X	0.93768310546875
NODE1734X	NODE1436X	NODE1336X	0.93756103515625
NODE1735X	NODE1090X	NODE499X	0.9375
NODE1736X	NODE1236X	NODE972X	0.9373779296875
NODE1737X	NODE1309X	NODE1271X	0.9373779296875
NODE1738X	NODE1045X	NODE1233X	0.93731689453125
NODE1739X	NODE1514X	NODE1278X	0.93731689453125
NODE1740X	NODE1273X	GENE1243X	0.937255859375
NODE1741X	GENE2214X	GENE2213X	0.937255859375
NODE1742X	NODE1431X	GENE943X	0.93707275390625
NODE1743X	GENE939X	NODE871X	0.93701171875
NODE1744X	GENE1078X	NODE891X	0.93682861328125
NODE1745X	GENE1098X	NODE1581X	0.936767578125
NODE1746X	NODE1636X	NODE1474X	0.9366455078125
NODE1747X	NODE135X	GENE2360X	0.9365234375
NODE1748X	GENE1739X	GENE1738X	0.9364013671875
NODE1749X	NODE1342X	NODE1348X	0.9364013671875
NODE1750X	NODE1183X	NODE1162X	0.93634033203125
NODE1751X	NODE1224X	NODE1287X	0.93621826171875
NODE1752X	NODE1107X	GENE204X	0.93609619140625
NODE1753X	GENE2276X	GENE2275X	0.93603515625
NODE1754X	GENE988X	GENE987X	0.9359130859375
NODE1755X	GENE1582X	GENE1581X	0.93560791015625
NODE1756X	NODE1190X	NODE1254X	0.93560791015625
NODE1757X	NODE1554X	GENE1156X	0.93560791015625
NODE1758X	NODE1046X	NODE1441X	0.935546875
NODE1759X	GENE1360X	GENE1249X	0.93548583984375
NODE1760X	NODE703X	NODE1226X	0.93548583984375
NODE1761X	GENE2621X	NODE1386X	0.9354248046875
NODE1762X	GENE1787X	NODE352X	0.93536376953125
NODE1763X	NODE1070X	NODE664X	0.935302734375
NODE1764X	NODE863X	NODE386X	0.9351806640625
NODE1765X	NODE1055X	NODE1573X	0.9351806640625
NODE1766X	GENE2530X	GENE2529X	0.9349365234375
NODE1767X	NODE916X	GENE2182X	0.93487548828125

NODE1768X	GENE2503X	GENE2502X	0.934814453125
NODE1769X	GENE1487X	GENE1486X	0.93475341796875
NODE1770X	GENE1353X	NODE1272X	0.9346923828125
NODE1771X	NODE960X	NODE1418X	0.9345703125
NODE1772X	GENE1610X	GENE1609X	0.9344482421875
NODE1773X	NODE879X	GENE2334X	0.9344482421875
NODE1774X	NODE1008X	NODE1504X	0.93438720703125
NODE1775X	NODE1173X	NODE1314X	0.93438720703125
NODE1776X	NODE1079X	NODE860X	0.934326171875
NODE1777X	NODE906X	NODE738X	0.93402099609375
NODE1778X	NODE1295X	NODE1357X	0.93402099609375
NODE1779X	GENE1087X	GENE1058X	0.9339599609375
NODE1780X	NODE1345X	GENE1544X	0.93389892578125
NODE1781X	GENE2240X	GENE2239X	0.93389892578125
NODE1782X	NODE1632X	NODE721X	0.93377685546875
NODE1783X	GENE1749X	GENE1748X	0.93359375
NODE1784X	NODE1245X	GENE1842X	0.9334716796875
NODE1785X	GENE1798X	GENE1797X	0.93341064453125
NODE1786X	GENE1413X	NODE1562X	0.933349609375
NODE1787X	GENE1468X	GENE1467X	0.9332275390625
NODE1788X	NODE1191X	NODE1599X	0.93316650390625
NODE1789X	NODE1459X	GENE1533X	0.93316650390625
NODE1790X	NODE725X	NODE1157X	0.93310546875
NODE1791X	NODE932X	NODE1646X	0.93280029296875
NODE1792X	NODE1301X	NODE1463X	0.93280029296875
NODE1793X	GENE766X	GENE765X	0.9327392578125
NODE1794X	GENE1423X	GENE1421X	0.9326171875
NODE1795X	GENE2333X	GENE2332X	0.93255615234375
NODE1796X	NODE1595X	NODE1477X	0.93243408203125
NODE1797X	NODE1232X	GENE2298X	0.932373046875
NODE1798X	NODE1403X	NODE1494X	0.93231201171875
NODE1799X	NODE1159X	NODE1457X	0.9322509765625
NODE1800X	NODE1377X	NODE1198X	0.93218994140625
NODE1801X	NODE1258X	NODE1406X	0.93218994140625
NODE1802X	NODE988X	NODE1268X	0.93206787109375
NODE1803X	NODE1076X	NODE1347X	0.93206787109375
NODE1804X	NODE1515X	NODE1298X	0.93194580078125
NODE1805X	NODE1043X	NODE1322X	0.931884765625
NODE1806X	GENE719X	NODE1381X	0.9317626953125
NODE1807X	GENE1794X	GENE1792X	0.93170166015625
NODE1808X	NODE1558X	GENE2337X	0.931640625
NODE1809X	NODE1523X	NODE1738X	0.93157958984375
NODE1810X	NODE1069X	NODE1139X	0.9315185546875
NODE1811X	GENE1567X	NODE1022X	0.93145751953125
NODE1812X	NODE1410X	NODE1195X	0.93145751953125
NODE1813X	GENE2320X	GENE2319X	0.93133544921875
NODE1814X	NODE903X	GENE784X	0.9312744140625
NODE1815X	NODE1223X	NODE1676X	0.9312744140625
NODE1816X	GENE2392X	NODE1587X	0.9310302734375
NODE1817X	GENE1450X	GENE1449X	0.93096923828125
NODE1818X	GENE1700X	GENE1699X	0.93096923828125
NODE1819X	NODE1067X	NODE573X	0.930908203125
NODE1820X	NODE1207X	NODE1027X	0.930908203125
NODE1821X	NODE1217X	NODE977X	0.93084716796875
NODE1822X	NODE1717X	NODE1400X	0.9307861328125
NODE1823X	NODE1265X	NODE1379X	0.93072509765625
NODE1824X	NODE1312X	GENE865X	0.9306640625

NODE1825X	GENE704X	GENE703X	0.93060302734375
NODE1826X	NODE966X	GENE1154X	0.93060302734375
NODE1827X	GENE1612X	GENE1611X	0.93048095703125
NODE1828X	NODE1292X	NODE1482X	0.93048095703125
NODE1829X	GENE2034X	NODE1077X	0.93023681640625
NODE1830X	GENE1459X	NODE1506X	0.92999267578125
NODE1831X	NODE1244X	NODE1663X	0.929931640625
NODE1832X	NODE1304X	GENE817X	0.92987060546875
NODE1833X	GENE2366X	GENE2365X	0.92987060546875
NODE1834X	GENE2492X	GENE2491X	0.9298095703125
NODE1835X	NODE1645X	NODE742X	0.9296875
NODE1836X	GENE846X	GENE845X	0.92962646484375
NODE1837X	GENE1299X	NODE1729X	0.92962646484375
NODE1838X	GENE2479X	GENE2478X	0.929443359375
NODE1839X	NODE959X	NODE1559X	0.92913818359375
NODE1840X	NODE1393X	NODE1798X	0.9290771484375
NODE1841X	GENE1751X	GENE1750X	0.928955078125
NODE1842X	GENE1260X	GENE667X	0.92889404296875
NODE1843X	NODE1432X	NODE1284X	0.92864990234375
NODE1844X	NODE1483X	NODE1040X	0.9285888671875
NODE1845X	GENE1008X	NODE866X	0.92852783203125
NODE1846X	GENE1552X	GENE1551X	0.928466796875
NODE1847X	GENE2255X	GENE2254X	0.92840576171875
NODE1848X	GENE729X	NODE1385X	0.92828369140625
NODE1849X	NODE1343X	NODE1666X	0.92822265625
NODE1850X	GENE1529X	GENE1528X	0.92803955078125
NODE1851X	NODE1570X	GENE1902X	0.92803955078125
NODE1852X	NODE1297X	NODE1678X	0.92803955078125
NODE1853X	NODE1214X	NODE1289X	0.927734375
NODE1854X	NODE1078X	GENE2922X	0.92767333984375
NODE1855X	GENE1654X	GENE1653X	0.92755126953125
NODE1856X	NODE1571X	GENE1707X	0.92755126953125
NODE1857X	GENE1264X	NODE1186X	0.9273681640625
NODE1858X	NODE909X	NODE1153X	0.9273681640625
NODE1859X	NODE1423X	NODE1497X	0.9273681640625
NODE1860X	NODE1615X	NODE1408X	0.92730712890625
NODE1861X	GENE1584X	GENE1583X	0.92724609375
NODE1862X	GENE1588X	NODE967X	0.927001953125
NODE1863X	NODE1471X	NODE1104X	0.9268798828125
NODE1864X	GENE1667X	GENE1666X	0.9267578125
NODE1865X	NODE1203X	NODE1499X	0.9267578125
NODE1866X	NODE1597X	GENE2231X	0.9266357421875
NODE1867X	NODE1520X	NODE1444X	0.9266357421875
NODE1868X	NODE1648X	NODE1613X	0.9266357421875
NODE1869X	GENE1590X	NODE1755X	0.9263916015625
NODE1870X	NODE1061X	NODE1172X	0.9263916015625
NODE1871X	NODE1171X	NODE1706X	0.9263916015625
NODE1872X	NODE1383X	NODE770X	0.92633056640625
NODE1873X	GENE1835X	NODE792X	0.92626953125
NODE1874X	GENE1817X	GENE1816X	0.92620849609375
NODE1875X	GENE1618X	GENE1414X	0.9261474609375
NODE1876X	GENE1479X	GENE1478X	0.92608642578125
NODE1877X	NODE1454X	NODE1003X	0.92596435546875
NODE1878X	GENE615X	GENE614X	0.92584228515625
NODE1879X	NODE1661X	GENE1752X	0.92584228515625
NODE1880X	GENE984X	GENE983X	0.9256591796875
NODE1881X	GENE1778X	GENE1777X	0.9254150390625

NODE1882X	NODE1654X	GENE2514X	0.9251708984375
NODE1883X	NODE1548X	NODE1617X	0.925048828125
NODE1884X	NODE1649X	NODE989X	0.925048828125
NODE1885X	NODE1229X	GENE1905X	0.92498779296875
NODE1886X	GENE2381X	GENE2380X	0.92486572265625
NODE1887X	GENE787X	GENE786X	0.9248046875
NODE1888X	GENE1402X	GENE1401X	0.92474365234375
NODE1889X	NODE1071X	NODE1451X	0.92474365234375
NODE1890X	GENE830X	NODE1202X	0.9246826171875
NODE1891X	NODE1437X	GENE1059X	0.9246826171875
NODE1892X	GENE1663X	GENE1662X	0.92449951171875
NODE1893X	NODE1376X	NODE642X	0.92449951171875
NODE1894X	NODE1709X	NODE1227X	0.9244384765625
NODE1895X	GENE1696X	GENE1695X	0.9241943359375
NODE1896X	GENE1857X	NODE1294X	0.9241943359375
NODE1897X	GENE2545X	NODE1291X	0.92388916015625
NODE1898X	NODE1382X	GENE1934X	0.923828125
NODE1899X	NODE1395X	NODE1763X	0.923828125
NODE1900X	NODE1492X	GENE1692X	0.923828125
NODE1901X	NODE1512X	NODE1476X	0.92352294921875
NODE1902X	NODE1200X	GENE2324X	0.9234619140625
NODE1903X	GENE875X	GENE874X	0.92340087890625
NODE1904X	NODE1182X	NODE1367X	0.92333984375
NODE1905X	NODE1096X	GENE2560X	0.92315673828125
NODE1906X	GENE2260X	GENE2259X	0.9229736328125
NODE1907X	GENE1424X	NODE1794X	0.9229736328125
NODE1908X	NODE1447X	NODE1274X	0.92291259765625
NODE1909X	GENE758X	NODE1614X	0.9228515625
NODE1910X	GENE880X	GENE879X	0.9228515625
NODE1911X	GENE2263X	NODE1493X	0.92279052734375
NODE1912X	NODE343X	NODE1371X	0.92242431640625
NODE1913X	GENE2524X	GENE2357X	0.92236328125
NODE1914X	GENE1673X	GENE1672X	0.92230224609375
NODE1915X	NODE1531X	GENE576X	0.92205810546875
NODE1916X	NODE1672X	NODE1398X	0.92205810546875
NODE1917X	GENE2508X	GENE2411X	0.9219970703125
NODE1918X	NODE1341X	NODE1583X	0.9219970703125
NODE1919X	GENE1523X	GENE1522X	0.92193603515625
NODE1920X	GENE2846X	NODE1074X	0.92169189453125
NODE1921X	GENE1054X	GENE979X	0.92156982421875
NODE1922X	NODE1438X	NODE1603X	0.92156982421875
NODE1923X	NODE1392X	GENE2420X	0.92138671875
NODE1924X	GENE2186X	GENE1761X	0.921142578125
NODE1925X	NODE995X	NODE1412X	0.921142578125
NODE1926X	GENE889X	NODE802X	0.92108154296875
NODE1927X	NODE1529X	NODE1551X	0.9210205078125
NODE1928X	NODE1725X	NODE1714X	0.9210205078125
NODE1929X	GENE2238X	GENE2237X	0.9208984375
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NODE1931X	NODE1679X	NODE1264X	0.9205322265625
NODE1932X	NODE1537X	GENE1822X	0.92041015625
NODE1933X	NODE1779X	GENE792X	0.920166015625
NODE1934X	NODE1563X	GENE2418X	0.920166015625
NODE1935X	GENE795X	GENE794X	0.92010498046875
NODE1936X	GENE1514X	GENE1513X	0.9200439453125
NODE1937X	GENE1556X	NODE1473X	0.9200439453125
NODE1938X	GENE1113X	NODE1727X	0.91998291015625

NODE1939X	NODE1501X	NODE1647X	0.919921875
NODE1940X	GENE2429X	GENE2428X	0.91961669921875
NODE1941X	GENE2841X	GENE2840X	0.91961669921875
NODE1942X	NODE1509X	NODE1206X	0.9195556640625
NODE1943X	NODE1391X	GENE1858X	0.91937255859375
NODE1944X	NODE923X	GENE2120X	0.91937255859375
NODE1945X	NODE1427X	GENE2432X	0.91937255859375
NODE1946X	NODE1369X	NODE1464X	0.919189453125
NODE1947X	NODE1566X	NODE1844X	0.91912841796875
NODE1948X	GENE681X	GENE680X	0.91876220703125
NODE1949X	NODE1051X	GENE2352X	0.91876220703125
NODE1950X	NODE1158X	NODE1693X	0.91876220703125
NODE1951X	NODE1425X	GENE892X	0.91876220703125
NODE1952X	NODE1352X	NODE1668X	0.918701171875
NODE1953X	NODE1462X	GENE2644X	0.9185791015625
NODE1954X	GENE1373X	GENE1372X	0.91851806640625
NODE1955X	GENE1419X	GENE1418X	0.91839599609375
NODE1956X	GENE1747X	NODE845X	0.91827392578125
NODE1957X	NODE949X	GENE608X	0.91815185546875
NODE1958X	GENE637X	NODE981X	0.91802978515625
NODE1959X	NODE1405X	NODE1517X	0.91802978515625
NODE1960X	NODE1593X	NODE1549X	0.91802978515625
NODE1961X	GENE1291X	NODE1704X	0.91790771484375
NODE1962X	NODE1626X	NODE1361X	0.9178466796875
NODE1963X	GENE1604X	NODE671X	0.917724609375
NODE1964X	GENE853X	GENE852X	0.91748046875
NODE1965X	NODE1402X	NODE1584X	0.91748046875
NODE1966X	GENE1897X	GENE1896X	0.917236328125
NODE1967X	NODE1293X	GENE2631X	0.917236328125
NODE1968X	NODE1773X	NODE1256X	0.91693115234375
NODE1969X	NODE1368X	NODE1035X	0.9168701171875
NODE1970X	NODE1450X	NODE1261X	0.9168701171875
NODE1971X	GENE1105X	GENE783X	0.91680908203125
NODE1972X	GENE1376X	GENE1375X	0.916748046875
NODE1973X	NODE1858X	NODE1275X	0.91656494140625
NODE1974X	NODE1778X	NODE1543X	0.91656494140625
NODE1975X	GENE569X	NODE1625X	0.91644287109375
NODE1976X	NODE1257X	GENE1767X	0.91644287109375
NODE1977X	NODE1653X	NODE1606X	0.9163818359375
NODE1978X	GENE1736X	GENE1735X	0.916259765625
NODE1979X	NODE1306X	NODE1247X	0.916259765625
NODE1980X	NODE1810X	NODE1766X	0.916259765625
NODE1981X	GENE2383X	GENE2382X	0.91619873046875
NODE1982X	GENE2219X	GENE2218X	0.91607666015625
NODE1983X	GENE1958X	NODE1470X	0.916015625
NODE1984X	NODE1751X	NODE1642X	0.916015625
NODE1985X	GENE1660X	GENE1659X	0.91595458984375
NODE1986X	NODE1643X	NODE1373X	0.91595458984375
NODE1987X	NODE1094X	NODE1792X	0.915771484375
NODE1988X	GENE1517X	GENE1516X	0.9156494140625
NODE1989X	GENE723X	NODE1806X	0.9154052734375
NODE1990X	NODE1528X	GENE1252X	0.91534423828125
NODE1991X	NODE1133X	NODE1601X	0.91534423828125
NODE1992X	NODE1366X	GENE618X	0.915283203125
NODE1993X	NODE1580X	GENE2509X	0.915283203125
NODE1994X	NODE1370X	GENE1334X	0.9150390625
NODE1995X	NODE1967X	GENE2632X	0.9150390625

NODE1996X	NODE994X	NODE1726X	0.91497802734375
NODE1997X	NODE1028X	NODE1564X	0.914794921875
NODE1998X	GENE2068X	NODE1608X	0.91473388671875
NODE1999X	GENE1669X	GENE1668X	0.91461181640625
NODE2000X	NODE1453X	NODE1420X	0.91448974609375
NODE2001X	NODE1575X	NODE1901X	0.91448974609375
NODE2002X	GENE1818X	GENE1815X	0.9144287109375
NODE2003X	NODE1715X	NODE1699X	0.9141845703125
NODE2004X	NODE1176X	NODE1396X	0.9140625
NODE2005X	NODE1578X	NODE1594X	0.9140625
NODE2006X	GENE2431X	GENE2430X	0.91400146484375
NODE2007X	NODE1440X	NODE1329X	0.9139404296875
NODE2008X	GENE883X	GENE882X	0.913818359375
NODE2009X	NODE1095X	NODE1132X	0.913818359375
NODE2010X	NODE1399X	NODE1664X	0.913818359375
NODE2011X	GENE791X	GENE790X	0.9136962890625
NODE2012X	NODE1498X	NODE1879X	0.91339111328125
NODE2013X	NODE1670X	NODE1716X	0.913330078125
NODE2014X	NODE1809X	NODE1148X	0.9129638671875
NODE2015X	NODE1749X	NODE1588X	0.91290283203125
NODE2016X	NODE1711X	GENE2368X	0.912841796875
NODE2017X	GENE805X	GENE804X	0.91259765625
NODE2018X	NODE1524X	GENE1718X	0.91253662109375
NODE2019X	GENE2323X	GENE2322X	0.9122314453125
NODE2020X	NODE1675X	NODE1486X	0.91204833984375
NODE2021X	GENE1780X	GENE1779X	0.9117431640625
NODE2022X	NODE1542X	NODE1362X	0.9117431640625
NODE2023X	NODE1628X	NODE1776X	0.9114990234375
NODE2024X	NODE1169X	GENE911X	0.911376953125
NODE2025X	NODE1228X	NODE1596X	0.91131591796875
NODE2026X	NODE1839X	NODE1262X	0.91131591796875
NODE2027X	GENE2057X	GENE2056X	0.9111328125
NODE2028X	GENE986X	NODE1539X	0.9110107421875
NODE2029X	NODE1610X	NODE1737X	0.91094970703125
NODE2030X	GENE886X	NODE777X	0.91070556640625
NODE2031X	NODE1703X	NODE1582X	0.91070556640625
NODE2032X	NODE1591X	NODE1063X	0.91058349609375
NODE2033X	NODE1680X	NODE1526X	0.9105224609375
NODE2034X	GENE663X	GENE662X	0.910400390625
NODE2035X	GENE826X	GENE824X	0.910400390625
NODE2036X	GENE1354X	NODE1821X	0.9100341796875
NODE2037X	NODE1683X	NODE811X	0.90997314453125
NODE2038X	NODE1602X	GENE860X	0.90985107421875
NODE2039X	NODE1657X	GENE1184X	0.9097900390625
NODE2040X	GENE1836X	NODE734X	0.90960693359375
NODE2041X	GENE1539X	GENE1538X	0.9095458984375
NODE2042X	GENE801X	NODE1586X	0.90948486328125
NODE2043X	NODE1848X	NODE1422X	0.90948486328125
NODE2044X	GENE631X	GENE630X	0.909423828125
NODE2045X	NODE1532X	NODE1212X	0.9093017578125
NODE2046X	NODE1720X	NODE1904X	0.9090576171875
NODE2047X	NODE1378X	GENE1253X	0.90899658203125
NODE2048X	NODE1877X	GENE2546X	0.90899658203125
NODE2049X	GENE843X	GENE842X	0.908935546875
NODE2050X	NODE1684X	NODE1460X	0.9088134765625
NODE2051X	NODE1197X	NODE1310X	0.90814208984375
NODE2052X	GENE1108X	NODE1736X	0.907958984375

NODE2053X	NODE556X	GENE2493X	0.90765380859375
NODE2054X	NODE1415X	NODE1552X	0.90716552734375
NODE2055X	GENE2253X	GENE2252X	0.906982421875
NODE2056X	NODE1947X	NODE1970X	0.90679931640625
NODE2057X	NODE1760X	NODE2007X	0.90673828125
NODE2058X	GENE1526X	GENE1525X	0.9063720703125
NODE2059X	NODE1490X	NODE1701X	0.9063720703125
NODE2060X	NODE1660X	NODE1511X	0.9063720703125
NODE2061X	NODE1883X	NODE1690X	0.90631103515625
NODE2062X	GENE995X	NODE1360X	0.90594482421875
NODE2063X	GENE1461X	GENE1455X	0.90594482421875
NODE2064X	NODE1607X	NODE2043X	0.9058837890625
NODE2065X	GENE2297X	GENE2296X	0.9051513671875
NODE2066X	NODE1624X	NODE1519X	0.905029296875
NODE2067X	NODE1446X	NODE1434X	0.90478515625
NODE2068X	GENE1394X	GENE1393X	0.90447998046875
NODE2069X	NODE1710X	GENE1812X	0.9041748046875
NODE2070X	NODE1929X	GENE2236X	0.9041748046875
NODE2071X	NODE1758X	NODE1777X	0.90399169921875
NODE2072X	GENE2590X	GENE2468X	0.9039306640625
NODE2073X	NODE1867X	NODE1732X	0.90374755859375
NODE2074X	NODE1605X	NODE1505X	0.9033203125
NODE2075X	NODE1687X	GENE2225X	0.90325927734375
NODE2076X	GENE2921X	GENE2414X	0.903076171875
NODE2077X	GENE1639X	GENE1638X	0.9029541015625
NODE2078X	GENE1245X	NODE1740X	0.90283203125
NODE2079X	GENE1075X	NODE2000X	0.902587890625
NODE2080X	GENE2400X	GENE2399X	0.9024658203125
NODE2081X	GENE1712X	GENE1711X	0.90234375
NODE2082X	GENE2220X	NODE1194X	0.90228271484375
NODE2083X	GENE2445X	NODE1682X	0.9022216796875
NODE2084X	NODE1775X	NODE1230X	0.9022216796875
NODE2085X	GENE1601X	GENE1600X	0.90216064453125
NODE2086X	GENE2233X	GENE2232X	0.90203857421875
NODE2087X	GENE1381X	GENE1380X	0.9019775390625
NODE2088X	NODE1349X	GENE2217X	0.90185546875
NODE2089X	NODE1828X	NODE1374X	0.90179443359375
NODE2090X	NODE1864X	GENE1665X	0.901611328125
NODE2091X	GENE2346X	GENE2345X	0.9014892578125
NODE2092X	GENE2174X	GENE2170X	0.9013671875
NODE2093X	NODE1939X	GENE1976X	0.90130615234375
NODE2094X	NODE1910X	GENE878X	0.9012451171875
NODE2095X	NODE1662X	NODE1495X	0.901123046875
NODE2096X	NODE1865X	NODE1746X	0.90087890625
NODE2097X	NODE1894X	NODE1536X	0.900634765625
NODE2098X	GENE1436X	GENE1435X	0.90057373046875
NODE2099X	GENE1053X	GENE858X	0.90032958984375
NODE2100X	NODE1472X	NODE1677X	0.90032958984375
NODE2101X	GENE1085X	NODE1782X	0.90008544921875
NODE2102X	GENE1473X	NODE1534X	0.899658203125
NODE2103X	GENE1286X	GENE1285X	0.8994140625
NODE2104X	GENE779X	GENE778X	0.8992919921875
NODE2105X	GENE835X	NODE1358X	0.89923095703125
NODE2106X	NODE1870X	NODE2037X	0.899169921875
NODE2107X	NODE1332X	GENE1941X	0.8990478515625
NODE2108X	NODE1774X	NODE1488X	0.8990478515625
NODE2109X	NODE1458X	NODE1889X	0.89892578125

NODE2110X	NODE1799X	NODE1979X	0.89874267578125
NODE2111X	NODE1873X	GENE1832X	0.898681640625
NODE2112X	NODE1641X	NODE1620X	0.898681640625
NODE2113X	GENE1412X	NODE1786X	0.898193359375
NODE2114X	NODE1135X	GENE657X	0.89794921875
NODE2115X	NODE1426X	NODE1989X	0.89788818359375
NODE2116X	NODE1713X	NODE1974X	0.8978271484375
NODE2117X	GENE1578X	GENE1577X	0.8975830078125
NODE2118X	NODE1655X	NODE1513X	0.8975830078125
NODE2119X	GENE1599X	GENE1598X	0.8973388671875
NODE2120X	NODE1730X	NODE1797X	0.89727783203125
NODE2121X	GENE989X	GENE982X	0.897216796875
NODE2122X	NODE1991X	NODE1822X	0.897216796875
NODE2123X	GENE759X	NODE1909X	0.8970947265625
NODE2124X	GENE1392X	GENE1391X	0.8970947265625
NODE2125X	NODE1982X	NODE1640X	0.8970947265625
NODE2126X	NODE1878X	NODE1635X	0.8968505859375
NODE2127X	NODE2029X	NODE1796X	0.8968505859375
NODE2128X	NODE1656X	NODE1618X	0.89678955078125
NODE2129X	NODE1928X	NODE1859X	0.89666748046875
NODE2130X	GENE2616X	GENE2609X	0.8966064453125
NODE2131X	GENE1370X	GENE1369X	0.896484375
NODE2132X	GENE1352X	NODE1638X	0.89642333984375
NODE2133X	NODE1611X	NODE1419X	0.89642333984375
NODE2134X	NODE1824X	NODE1489X	0.89605712890625
NODE2135X	NODE1768X	GENE2501X	0.89569091796875
NODE2136X	NODE1507X	NODE1623X	0.89569091796875
NODE2137X	GENE776X	GENE775X	0.89544677734375
NODE2138X	NODE1556X	NODE1545X	0.89544677734375
NODE2139X	NODE1047X	NODE1855X	0.895263671875
NODE2140X	NODE1789X	NODE1397X	0.895263671875
NODE2141X	GENE1500X	NODE1339X	0.89508056640625
NODE2142X	GENE572X	GENE571X	0.89501953125
NODE2143X	NODE1959X	NODE1860X	0.89501953125
NODE2144X	GENE1704X	GENE1703X	0.89495849609375
NODE2145X	NODE1553X	NODE1518X	0.89483642578125
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NODE2147X	GENE1499X	NODE1308X	0.894775390625
NODE2148X	NODE1722X	GENE2384X	0.894775390625
NODE2149X	NODE1731X	NODE1793X	0.8946533203125
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NODE2151X	GENE774X	NODE1585X	0.89434814453125
NODE2152X	NODE1413X	NODE1721X	0.89434814453125
NODE2153X	NODE1491X	NODE904X	0.89404296875
NODE2154X	NODE1898X	NODE898X	0.89398193359375
NODE2155X	NODE1658X	GENE2437X	0.8939208984375
NODE2156X	NODE1665X	NODE1831X	0.893798828125
NODE2157X	NODE1568X	NODE1331X	0.89373779296875
NODE2158X	GENE696X	GENE659X	0.8936767578125
NODE2159X	NODE975X	NODE1800X	0.8935546875
NODE2160X	NODE1986X	NODE1812X	0.8934326171875
NODE2161X	GENE664X	NODE1884X	0.89337158203125
NODE2162X	NODE1832X	NODE1802X	0.893310546875
NODE2163X	GENE1763X	GENE1762X	0.89306640625
NODE2164X	NODE1761X	NODE1719X	0.892822265625
NODE2165X	GENE1537X	GENE1536X	0.892333984375
NODE2166X	NODE2044X	GENE629X	0.8922119140625

NODE2167X	GENE1791X	NODE1114X	0.89215087890625
NODE2168X	NODE1853X	NODE1965X	0.89208984375
NODE2169X	NODE1353X	NODE2071X	0.89208984375
NODE2170X	GENE1576X	GENE1575X	0.89178466796875
NODE2171X	GENE2388X	GENE2387X	0.89178466796875
NODE2172X	NODE1414X	NODE1968X	0.89154052734375
NODE2173X	NODE1540X	NODE1659X	0.891357421875
NODE2174X	NODE1834X	GENE2490X	0.8909912109375
NODE2175X	GENE1488X	NODE1769X	0.89093017578125
NODE2176X	GENE2367X	NODE1833X	0.89080810546875
NODE2177X	NODE1592X	NODE1945X	0.89068603515625
NODE2178X	NODE2008X	GENE859X	0.89044189453125
NODE2179X	NODE1830X	GENE1454X	0.890380859375
NODE2180X	NODE1461X	NODE1803X	0.890380859375
NODE2181X	GENE2224X	GENE2223X	0.89031982421875
NODE2182X	GENE1649X	GENE1648X	0.89007568359375
NODE2183X	NODE1350X	NODE1681X	0.89007568359375
NODE2184X	GENE1722X	GENE1721X	0.88983154296875
NODE2185X	GENE2059X	GENE2058X	0.88983154296875
NODE2186X	GENE2839X	GENE2838X	0.8897705078125
NODE2187X	GENE1585X	NODE1861X	0.88970947265625
NODE2188X	NODE1767X	NODE1835X	0.8896484375
NODE2189X	GENE1356X	GENE1355X	0.88946533203125
NODE2190X	NODE1116X	GENE2069X	0.889404296875
NODE2191X	NODE1854X	NODE1962X	0.88934326171875
NODE2192X	NODE1733X	GENE619X	0.8892822265625
NODE2193X	GENE628X	NODE1992X	0.8892822265625
NODE2194X	NODE2023X	NODE1863X	0.88916015625
NODE2195X	GENE1887X	NODE1522X	0.88873291015625
NODE2196X	NODE1893X	NODE1960X	0.888671875
NODE2197X	NODE1872X	NODE1538X	0.88861083984375
NODE2198X	GENE1569X	GENE1568X	0.8885498046875
NODE2199X	NODE1836X	GENE844X	0.888427734375
NODE2200X	GENE1594X	GENE1593X	0.88836669921875
NODE2201X	NODE1651X	NODE1631X	0.8883056640625
NODE2202X	GENE1661X	NODE1985X	0.8883056640625
NODE2203X	GENE2227X	NODE2088X	0.8883056640625
NODE2204X	GENE810X	NODE1707X	0.88818359375
NODE2205X	NODE1871X	NODE1815X	0.88800048828125
NODE2206X	NODE2056X	NODE1840X	0.88800048828125
NODE2207X	GENE1651X	GENE1650X	0.887939453125
NODE2208X	NODE1644X	GENE1680X	0.88787841796875
NODE2209X	NODE1600X	GENE2086X	0.88751220703125
NODE2210X	GENE1742X	GENE1741X	0.88690185546875
NODE2211X	NODE2155X	GENE2438X	0.88671875
NODE2212X	NODE1619X	NODE2101X	0.88641357421875
NODE2213X	GENE2242X	GENE2241X	0.88629150390625
NODE2214X	GENE848X	GENE847X	0.8861083984375
NODE2215X	NODE1734X	NODE1627X	0.8861083984375
NODE2216X	NODE1990X	NODE1759X	0.88592529296875
NODE2217X	NODE1696X	NODE1791X	0.8856201171875
NODE2218X	NODE1448X	NODE1389X	0.8853759765625
NODE2219X	NODE1823X	NODE1622X	0.88525390625
NODE2220X	NODE1695X	NODE2036X	0.88494873046875
NODE2221X	NODE1918X	NODE2061X	0.8848876953125
NODE2222X	GENE1633X	GENE1632X	0.884765625
NODE2223X	GENE873X	GENE872X	0.88470458984375

NODE2224X	NODE1921X	GENE891X	0.88470458984375
NODE2225X	NODE1927X	NODE1433X	0.88470458984375
NODE2226X	NODE1637X	NODE1612X	0.884521484375
NODE2227X	GENE2480X	NODE1838X	0.8843994140625
NODE2228X	GENE823X	GENE822X	0.88421630859375
NODE2229X	NODE1739X	NODE2095X	0.88397216796875
NODE2230X	GENE2215X	NODE1741X	0.8834228515625
NODE2231X	GENE2740X	NODE1388X	0.8834228515625
NODE2232X	NODE1541X	GENE1852X	0.88323974609375
NODE2233X	NODE1852X	NODE2015X	0.88323974609375
NODE2234X	GENE1491X	NODE1307X	0.8828125
NODE2235X	NODE1689X	NODE1801X	0.8828125
NODE2236X	GENE1746X	GENE1697X	0.88262939453125
NODE2237X	NODE1487X	GENE1403X	0.8824462890625
NODE2238X	GENE1366X	GENE1365X	0.88238525390625
NODE2239X	NODE1780X	NODE1718X	0.8819580078125
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NODE2241X	GENE2129X	GENE2083X	0.88116455078125
NODE2242X	NODE1516X	NODE1937X	0.88092041015625
NODE2243X	NODE1946X	NODE1752X	0.880859375
NODE2244X	NODE2046X	NODE1952X	0.8807373046875
NODE2245X	NODE1496X	NODE1745X	0.8804931640625
NODE2246X	NODE1276X	NODE1724X	0.88031005859375
NODE2247X	NODE1912X	NODE1868X	0.8802490234375
NODE2248X	GENE1572X	GENE1246X	0.8800048828125
NODE2249X	NODE1890X	NODE1365X	0.8800048828125
NODE2250X	NODE1762X	GENE1784X	0.8798828125
NODE2251X	NODE1849X	NODE1765X	0.8798828125
NODE2252X	GENE2489X	GENE2488X	0.87933349609375
NODE2253X	GENE2115X	NODE1356X	0.87933349609375
NODE2254X	GENE1605X	GENE793X	0.8792724609375
NODE2255X	NODE2009X	NODE1630X	0.879150390625
NODE2256X	GENE1510X	NODE1577X	0.87896728515625
NODE2257X	NODE1975X	GENE566X	0.87884521484375
NODE2258X	NODE2099X	GENE857X	0.87884521484375
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NODE2260X	NODE1943X	NODE1896X	0.8785400390625
NODE2261X	NODE2010X	NODE1820X	0.8782958984375
NODE2262X	NODE1907X	NODE1484X	0.87823486328125
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NODE2264X	NODE1742X	NODE1843X	0.87713623046875
NODE2265X	GENE991X	GENE990X	0.876953125
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NODE2269X	NODE1364X	NODE2197X	0.876220703125
NODE2270X	GENE2397X	GENE2396X	0.87603759765625
NODE2271X	NODE1692X	NODE2003X	0.87591552734375
NODE2272X	NODE2025X	NODE2201X	0.8756103515625
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NODE2274X	NODE1851X	NODE1546X	0.87542724609375
NODE2275X	NODE1756X	GENE1237X	0.87530517578125
NODE2276X	NODE1915X	NODE1576X	0.87530517578125
NODE2277X	NODE2132X	NODE1942X	0.875244140625
NODE2278X	NODE1435X	NODE2089X	0.87518310546875
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NODE2280X	GENE1628X	GENE1627X	0.874755859375

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NODE2282X	GENE1617X	GENE1616X	0.87371826171875
NODE2283X	NODE1842X	NODE1804X	0.87353515625
NODE2284X	NODE1465X	NODE1609X	0.87322998046875
NODE2285X	NODE1652X	NODE2051X	0.873046875
NODE2286X	NODE1829X	NODE1788X	0.8729248046875
NODE2287X	GENE1399X	GENE1398X	0.87274169921875
NODE2288X	NODE1700X	GENE1407X	0.87261962890625
NODE2289X	NODE2167X	GENE1788X	0.87237548828125
NODE2290X	GENE1088X	GENE1086X	0.87225341796875
NODE2291X	NODE1478X	NODE2235X	0.8721923828125
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NODE2293X	NODE1934X	NODE1535X	0.8720703125
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NODE2296X	NODE1744X	NODE2079X	0.87078857421875
NODE2297X	NODE2054X	NODE2097X	0.87078857421875
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NODE2300X	NODE2060X	NODE1808X	0.8704833984375
NODE2301X	GENE777X	NODE1565X	0.870361328125
NODE2302X	NODE1685X	GENE2425X	0.87005615234375
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NODE2304X	NODE1555X	NODE1899X	0.86993408203125
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NODE2306X	NODE1913X	GENE2356X	0.8697509765625
NODE2307X	NODE2001X	NODE2127X	0.8695068359375
NODE2308X	NODE1984X	NODE1977X	0.86944580078125
NODE2309X	GENE985X	NODE1743X	0.869384765625
NODE2310X	GENE1748X	GENE1737X	0.86932373046875
NODE2311X	NODE1983X	NODE1785X	0.868896484375
NODE2312X	NODE1130X	NODE1747X	0.86883544921875
NODE2313X	GENE1057X	NODE1754X	0.86846923828125
NODE2314X	NODE1735X	NODE1728X	0.86846923828125
NODE2315X	NODE2116X	NODE2226X	0.8682861328125
NODE2316X	GENE2256X	NODE1847X	0.86822509765625
NODE2317X	NODE1837X	NODE1825X	0.86822509765625
NODE2318X	GENE856X	GENE855X	0.86724853515625
NODE2319X	GENE1494X	GENE1493X	0.8671875
NODE2320X	GENE829X	GENE828X	0.86688232421875
NODE2321X	NODE2151X	NODE1527X	0.8668212890625
NODE2322X	NODE1845X	NODE2038X	0.8665771484375
NODE2323X	NODE1885X	GENE1888X	0.86602783203125
NODE2324X	NODE2002X	NODE1874X	0.86602783203125
NODE2325X	NODE1784X	NODE2074X	0.86578369140625
NODE2326X	NODE2004X	NODE2188X	0.86566162109375
NODE2327X	NODE1674X	NODE2064X	0.86541748046875
NODE2328X	NODE1807X	GENE1614X	0.8653564453125
NODE2329X	GENE1474X	NODE2102X	0.86529541015625
NODE2330X	NODE1881X	GENE1776X	0.86529541015625
NODE2331X	GENE1689X	NODE2208X	0.865234375
NODE2332X	NODE1949X	GENE2351X	0.86468505859375
NODE2333X	GENE2092X	GENE2065X	0.86456298828125
NODE2334X	GENE1425X	NODE1673X	0.86419677734375
NODE2335X	NODE2107X	NODE1500X	0.86419677734375
NODE2336X	NODE1790X	NODE1561X	0.86395263671875
NODE2337X	GENE2235X	GENE2234X	0.8636474609375

NODE2338X	NODE2141X	NODE1750X	0.86322021484375
NODE2339X	GENE802X	NODE2042X	0.8629150390625
NODE2340X	GENE1867X	GENE1866X	0.86248779296875
NODE2341X	NODE2168X	NODE2122X	0.86212158203125
NODE2342X	NODE2244X	NODE1931X	0.86199951171875
NODE2343X	GENE1571X	GENE1570X	0.86163330078125
NODE2344X	GENE1446X	NODE733X	0.861328125
NODE2345X	NODE2063X	NODE1327X	0.86114501953125
NODE2346X	GENE1368X	GENE1367X	0.861083984375
NODE2347X	GENE896X	GENE895X	0.86077880859375
NODE2348X	GENE2251X	GENE2250X	0.8604736328125
NODE2349X	NODE1906X	GENE2258X	0.85968017578125
NODE2350X	GENE827X	NODE2259X	0.8594970703125
NODE2351X	NODE1995X	NODE1372X	0.85943603515625
NODE2352X	NODE1914X	GENE1671X	0.85931396484375
NODE2353X	NODE2084X	NODE2118X	0.8592529296875
NODE2354X	GENE2837X	GENE2836X	0.8577880859375
NODE2355X	NODE2024X	NODE2059X	0.857421875
NODE2356X	NODE1351X	NODE2144X	0.85687255859375
NODE2357X	NODE2019X	GENE2321X	0.856689453125
NODE2358X	NODE1805X	NODE2231X	0.856689453125
NODE2359X	NODE2278X	NODE2219X	0.85650634765625
NODE2360X	GENE2845X	GENE2507X	0.856201171875
NODE2361X	GENE1580X	GENE1579X	0.85601806640625
NODE2362X	GENE1837X	NODE2111X	0.85577392578125
NODE2363X	NODE2006X	NODE1940X	0.855712890625
NODE2364X	NODE1475X	GENE1438X	0.85516357421875
NODE2365X	GENE2264X	NODE1911X	0.85504150390625
NODE2366X	GENE1002X	NODE2045X	0.85498046875
NODE2367X	GENE1702X	NODE2012X	0.8546142578125
NODE2368X	GENE2525X	NODE2312X	0.8543701171875
NODE2369X	NODE2246X	NODE1908X	0.85430908203125
NODE2370X	NODE1950X	NODE1987X	0.853759765625
NODE2371X	GENE1658X	GENE1657X	0.85333251953125
NODE2372X	NODE1787X	NODE2153X	0.85302734375
NODE2373X	GENE2247X	GENE2246X	0.85284423828125
NODE2374X	NODE1961X	NODE2355X	0.8525390625
NODE2375X	GENE841X	GENE840X	0.85247802734375
NODE2376X	NODE2209X	GENE2085X	0.85205078125
NODE2377X	NODE1525X	NODE2194X	0.85205078125
NODE2378X	NODE2005X	NODE2160X	0.85205078125
NODE2379X	NODE1650X	NODE2092X	0.85174560546875
NODE2380X	NODE2218X	NODE1708X	0.85162353515625
NODE2381X	NODE1862X	NODE2187X	0.8515625
NODE2382X	GENE1052X	NODE1880X	0.85150146484375
NODE2383X	GENE1062X	NODE1922X	0.8509521484375
NODE2384X	NODE1926X	NODE2030X	0.85089111328125
NODE2385X	NODE1691X	NODE1598X	0.8507080078125
NODE2386X	NODE1976X	NODE1590X	0.8505859375
NODE2387X	NODE2196X	NODE2240X	0.8505859375
NODE2388X	NODE2013X	NODE2143X	0.850341796875
NODE2389X	NODE2075X	NODE2082X	0.85009765625
NODE2390X	NODE1932X	NODE2145X	0.85009765625
NODE2391X	GENE1389X	GENE1388X	0.85003662109375
NODE2392X	NODE1941X	NODE1616X	0.8492431640625
NODE2393X	NODE1521X	NODE2020X	0.848876953125
NODE2394X	NODE2281X	NODE2073X	0.84881591796875

NODE2395X	GENE1055X	NODE2313X	0.848388671875
NODE2396X	NODE2120X	NODE2067X	0.8482666015625
NODE2397X	NODE2072X	GENE2062X	0.847900390625
NODE2398X	NODE2254X	NODE1935X	0.8472900390625
NODE2399X	NODE1772X	GENE1608X	0.84674072265625
NODE2400X	NODE1455X	NODE2041X	0.84649658203125
NODE2401X	GENE1415X	NODE1560X	0.846435546875
NODE2402X	NODE1795X	GENE2330X	0.84637451171875
NODE2403X	GENE1564X	NODE1764X	0.8463134765625
NODE2404X	NODE2105X	NODE2204X	0.84576416015625
NODE2405X	NODE1997X	NODE1533X	0.8447265625
NODE2406X	GENE1074X	NODE2110X	0.8443603515625
NODE2407X	GENE2506X	NODE1697X	0.84405517578125
NODE2408X	NODE2251X	NODE1920X	0.8438720703125
NODE2409X	NODE2156X	NODE1969X	0.8438720703125
NODE2410X	NODE1886X	NODE1705X	0.8436279296875
NODE2411X	GENE1637X	GENE1636X	0.84356689453125
NODE2412X	NODE2345X	GENE1453X	0.8433837890625
NODE2413X	NODE2050X	NODE2303X	0.84332275390625
NODE2414X	NODE2022X	NODE2195X	0.84283447265625
NODE2415X	NODE1998X	GENE2064X	0.8427734375
NODE2416X	GENE2390X	NODE2266X	0.842529296875
NODE2417X	NODE1781X	NODE2070X	0.8421630859375
NODE2418X	NODE1270X	NODE2147X	0.8419189453125
NODE2419X	GENE1520X	GENE1519X	0.84173583984375
NODE2420X	NODE2237X	NODE1888X	0.84173583984375
NODE2421X	NODE1971X	NODE1814X	0.8416748046875
NODE2422X	GENE1629X	NODE2280X	0.84149169921875
NODE2423X	NODE2026X	NODE2180X	0.8414306640625
NODE2424X	NODE2083X	NODE2211X	0.8399658203125
NODE2425X	GENE2372X	GENE2371X	0.83978271484375
NODE2426X	GENE1397X	GENE1396X	0.83966064453125
NODE2427X	GENE1851X	NODE2032X	0.83917236328125
NODE2428X	NODE1891X	NODE2383X	0.837890625
NODE2429X	NODE1770X	NODE1925X	0.837646484375
NODE2430X	NODE2093X	NODE1671X	0.83746337890625
NODE2431X	GENE1714X	GENE1713X	0.83734130859375
NODE2432X	NODE2318X	GENE854X	0.83709716796875
NODE2433X	GENE2359X	NODE2175X	0.8370361328125
NODE2434X	NODE1948X	NODE2033X	0.8365478515625
NODE2435X	NODE1957X	NODE2249X	0.836181640625
NODE2436X	NODE2081X	GENE1710X	0.8360595703125
NODE2437X	NODE2310X	NODE1978X	0.8359375
NODE2438X	NODE2242X	NODE1846X	0.83575439453125
NODE2439X	NODE1639X	NODE1100X	0.8355712890625
NODE2440X	NODE2215X	NODE2406X	0.83514404296875
NODE2441X	NODE2048X	NODE1897X	0.8350830078125
NODE2442X	NODE2076X	NODE552X	0.83428955078125
NODE2443X	GENE1481X	GENE1480X	0.83380126953125
NODE2444X	GENE1574X	GENE1573X	0.833740234375
NODE2445X	GENE684X	NODE1456X	0.83349609375
NODE2446X	GENE2424X	NODE1923X	0.8333740234375
NODE2447X	NODE2336X	NODE1604X	0.8331298828125
NODE2448X	NODE1813X	NODE2169X	0.8330078125
NODE2449X	GENE1678X	GENE1492X	0.8326416015625
NODE2450X	NODE1882X	NODE2174X	0.83251953125
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NODE2453X	GENE1675X	GENE1674X	0.83135986328125
NODE2454X	NODE2152X	NODE2053X	0.83111572265625
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NODE2456X	GENE764X	NODE2157X	0.83026123046875
NODE2457X	NODE2284X	NODE2031X	0.83001708984375
NODE2458X	NODE1958X	NODE2307X	0.82928466796875
NODE2459X	GENE1443X	GENE1442X	0.82916259765625
NODE2460X	GENE1717X	NODE1698X	0.8289794921875
NODE2461X	NODE2066X	NODE2393X	0.82861328125
NODE2462X	NODE2322X	NODE2271X	0.82855224609375
NODE2463X	NODE2216X	NODE2279X	0.82855224609375
NODE2464X	GENE1503X	GENE838X	0.82843017578125
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NODE2467X	GENE2389X	GENE2226X	0.82818603515625
NODE2468X	NODE2328X	GENE1613X	0.82763671875
NODE2469X	NODE2342X	NODE2308X	0.8270263671875
NODE2470X	GENE1496X	GENE1495X	0.8267822265625
NODE2471X	NODE2181X	GENE2222X	0.82623291015625
NODE2472X	GENE1646X	GENE1645X	0.8258056640625
NODE2473X	NODE1993X	NODE1917X	0.825439453125
NODE2474X	NODE2272X	NODE2190X	0.824951171875
NODE2475X	NODE2112X	NODE2161X	0.82489013671875
NODE2476X	NODE2464X	NODE2158X	0.82489013671875
NODE2477X	GENE1524X	NODE1919X	0.82470703125
NODE2478X	NODE2329X	NODE2372X	0.82470703125
NODE2479X	NODE1930X	NODE1924X	0.824462890625
NODE2480X	NODE1723X	GENE706X	0.82427978515625
NODE2481X	NODE2305X	NODE2142X	0.82421875
NODE2482X	NODE1900X	NODE1248X	0.82415771484375
NODE2483X	NODE2130X	GENE2608X	0.8238525390625
NODE2484X	GENE2487X	GENE2486X	0.8232421875
NODE2485X	NODE2183X	NODE2283X	0.8232421875
NODE2486X	NODE2290X	NODE1933X	0.82281494140625
NODE2487X	NODE2191X	NODE2129X	0.82269287109375
NODE2488X	NODE2418X	NODE2338X	0.82269287109375
NODE2489X	GENE881X	NODE2178X	0.822509765625
NODE2490X	NODE1996X	GENE1427X	0.822021484375
NODE2491X	NODE2039X	NODE2126X	0.822021484375
NODE2492X	NODE2040X	GENE1642X	0.8209228515625
NODE2493X	NODE2236X	GENE1698X	0.82049560546875
NODE2494X	NODE2301X	NODE2193X	0.8201904296875
NODE2495X	NODE1757X	NODE2133X	0.820068359375
NODE2496X	GENE1527X	NODE2058X	0.81890869140625
NODE2497X	GENE782X	GENE781X	0.8187255859375
NODE2498X	NODE2146X	NODE2365X	0.8182373046875
NODE2499X	NODE2108X	NODE2370X	0.8177490234375
NODE2500X	GENE1515X	NODE1936X	0.817626953125
NODE2501X	GENE1760X	GENE1759X	0.8175048828125
NODE2502X	GENE1774X	NODE2100X	0.8167724609375
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NODE2504X	NODE2263X	NODE2396X	0.816162109375
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NODE2508X	GENE839X	NODE2104X	0.81475830078125

NODE2509X	GENE1702X	GENE1701X	0.8143310546875
NODE2510X	GENE1483X	GENE1482X	0.81396484375
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NODE2512X	NODE2286X	NODE1973X	0.81341552734375
NODE2513X	GENE798X	GENE796X	0.81329345703125
NODE2514X	NODE2140X	NODE1850X	0.81298828125
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NODE2516X	NODE2401X	NODE1887X	0.81182861328125
NODE2517X	NODE2314X	NODE1857X	0.811767578125
NODE2518X	NODE2172X	NODE2325X	0.8114013671875
NODE2519X	GENE890X	NODE2384X	0.81072998046875
NODE2520X	NODE2349X	GENE2257X	0.8101806640625
NODE2521X	GENE1364X	GENE1363X	0.8094482421875
NODE2522X	NODE2379X	NODE2423X	0.80908203125
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NODE2526X	NODE2220X	NODE2206X	0.808349609375
NODE2527X	NODE2299X	GENE1781X	0.80810546875
NODE2528X	NODE2282X	GENE1615X	0.80767822265625
NODE2529X	NODE2352X	NODE2049X	0.8072509765625
NODE2530X	NODE2243X	NODE2315X	0.8072509765625
NODE2531X	NODE2317X	NODE2205X	0.80682373046875
NODE2532X	NODE2148X	NODE1981X	0.8067626953125
NODE2533X	NODE2252X	GENE1677X	0.806640625
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NODE2535X	NODE2366X	NODE2264X	0.80615234375
NODE2536X	NODE2511X	NODE2062X	0.8046875
NODE2537X	GENE1591X	GENE1589X	0.80462646484375
NODE2538X	NODE2300X	NODE2397X	0.80401611328125
NODE2539X	GENE877X	NODE2298X	0.803955078125
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NODE2541X	NODE2358X	NODE2233X	0.8028564453125
NODE2542X	NODE1686X	NODE2241X	0.8017578125
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NODE2544X	NODE2274X	GENE1884X	0.801025390625
NODE2545X	GENE2248X	NODE2373X	0.8009033203125
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NODE2547X	NODE2363X	NODE2302X	0.80059814453125
NODE2548X	NODE2377X	NODE2351X	0.7998046875
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NODE2552X	NODE2332X	NODE2230X	0.7979736328125
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NODE2554X	GENE2084X	NODE1375X	0.7972412109375
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NODE2557X	NODE2221X	NODE2388X	0.7969970703125
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NODE2559X	GENE1743X	GENE1676X	0.79541015625
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NODE2565X	NODE2173X	NODE2409X	0.79449462890625

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NODE2567X	GENE803X	NODE2339X	0.79327392578125
NODE2568X	GENE1460X	NODE2047X	0.79229736328125
NODE2569X	NODE2138X	NODE2166X	0.790771484375
NODE2570X	NODE1875X	NODE2113X	0.79046630859375
NODE2571X	NODE2239X	NODE2400X	0.7900390625
NODE2572X	NODE2260X	NODE2232X	0.789306640625
NODE2573X	NODE2170X	NODE2495X	0.788330078125
NODE2574X	NODE2422X	GENE1626X	0.7879638671875
NODE2575X	NODE2558X	NODE2394X	0.78668212890625
NODE2576X	NODE2212X	NODE2276X	0.78546142578125
NODE2577X	NODE2386X	GENE1764X	0.7852783203125
NODE2578X	NODE2069X	GENE1811X	0.7852783203125
NODE2579X	NODE1876X	GENE1477X	0.78521728515625
NODE2580X	NODE2455X	NODE2369X	0.78515625
NODE2581X	NODE2119X	GENE1597X	0.78228759765625
NODE2582X	NODE2289X	NODE2225X	0.781982421875
NODE2583X	NODE2258X	GENE868X	0.7816162109375
NODE2584X	NODE2456X	NODE2123X	0.781494140625
NODE2585X	GENE1521X	NODE2419X	0.78082275390625
NODE2586X	GENE897X	NODE2347X	0.78076171875
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NODE2588X	NODE2016X	NODE2176X	0.7802734375
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NODE2591X	NODE2213X	NODE2417X	0.77996826171875
NODE2592X	GENE1641X	GENE1640X	0.779296875
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NODE2603X	NODE2268X	GENE1807X	0.77532958984375
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NODE2605X	NODE2381X	NODE1869X	0.77386474609375
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NODE2607X	NODE2447X	GENE2358X	0.7738037109375
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NODE2614X	NODE1938X	NODE2321X	0.7698974609375
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NODE2616X	GENE2477X	GENE1383X	0.76947021484375
NODE2617X	NODE2398X	NODE2011X	0.76910400390625
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NODE2619X	NODE772X	NODE2510X	0.768798828125
NODE2620X	NODE2374X	NODE2378X	0.768798828125
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NODE2622X	NODE2034X	NODE2475X	0.767333984375

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NODE2624X	NODE2411X	GENE1635X	0.76495361328125
NODE2625X	GENE2376X	GENE2375X	0.7645263671875
NODE2626X	NODE2203X	NODE2163X	0.7640380859375
NODE2627X	NODE2481X	NODE2257X	0.763671875
NODE2628X	NODE2114X	NODE2575X	0.763427734375
NODE2629X	NODE2346X	NODE2238X	0.76275634765625
NODE2630X	GENE2355X	NODE2091X	0.75982666015625
NODE2631X	NODE2440X	NODE2523X	0.759521484375
NODE2632X	NODE1712X	GENE825X	0.75933837890625
NODE2633X	NODE2269X	NODE2413X	0.7586669921875
NODE2634X	NODE1956X	NODE2437X	0.7581787109375
NODE2635X	NODE2478X	NODE2599X	0.75634765625
NODE2636X	NODE2319X	NODE2234X	0.75537109375
NODE2637X	GENE1344X	NODE2515X	0.75439453125
NODE2638X	GENE1631X	GENE1630X	0.7540283203125
NODE2639X	NODE2430X	NODE2154X	0.75396728515625
NODE2640X	NODE2499X	NODE2327X	0.753173828125
NODE2641X	NODE2184X	NODE2018X	0.75311279296875
NODE2642X	NODE2248X	NODE2637X	0.75250244140625
NODE2643X	NODE2448X	NODE2546X	0.75225830078125
NODE2644X	NODE2285X	GENE705X	0.751708984375
NODE2645X	GENE2374X	GENE2373X	0.75128173828125
NODE2646X	NODE2296X	NODE2576X	0.7503662109375
NODE2647X	NODE2311X	NODE2503X	0.7503662109375
NODE2648X	GENE2350X	NODE2098X	0.75
NODE2649X	NODE2438X	NODE2439X	0.74945068359375
NODE2650X	NODE2578X	NODE2492X	0.74945068359375
NODE2651X	NODE2496X	NODE2477X	0.74884033203125
NODE2652X	NODE2469X	NODE2524X	0.748291015625
NODE2653X	NODE2359X	NODE2487X	0.74786376953125
NODE2654X	NODE2136X	NODE2368X	0.74774169921875
NODE2655X	GENE2643X	NODE2333X	0.74737548828125
NODE2656X	NODE2085X	GENE785X	0.744140625
NODE2657X	NODE2391X	GENE1387X	0.74310302734375
NODE2658X	NODE2426X	GENE1395X	0.741943359375
NODE2659X	GENE1624X	GENE1623X	0.7418212890625
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NODE2661X	NODE2335X	NODE2250X	0.74169921875
NODE2662X	NODE2541X	NODE2565X	0.7413330078125
NODE2663X	NODE2179X	NODE2412X	0.74090576171875
NODE2664X	NODE2485X	NODE2608X	0.74090576171875
NODE2665X	NODE2200X	GENE1428X	0.74072265625
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NODE2667X	NODE2017X	NODE2567X	0.74066162109375
NODE2668X	NODE2334X	NODE2103X	0.74066162109375
NODE2669X	NODE2580X	NODE2362X	0.74017333984375
NODE2670X	NODE2604X	GENE1505X	0.7384033203125
NODE2671X	NODE2522X	NODE2551X	0.73828125
NODE2672X	NODE2502X	NODE2577X	0.73773193359375
NODE2673X	NODE2521X	GENE1362X	0.737548828125
NODE2674X	NODE2357X	NODE2452X	0.737060546875
NODE2675X	NODE1589X	NODE2538X	0.73681640625
NODE2676X	NODE1951X	NODE2519X	0.73638916015625
NODE2677X	NODE2106X	NODE2077X	0.73541259765625
NODE2678X	NODE2544X	NODE2468X	0.7353515625
NODE2679X	NODE2457X	NODE2479X	0.7352294921875

NODE2680X	NODE2277X	NODE2275X	0.73480224609375
NODE2681X	NODE1811X	NODE2403X	0.73370361328125
NODE2682X	NODE1963X	GENE1400X	0.7332763671875
NODE2683X	NODE2055X	NODE2337X	0.73236083984375
NODE2684X	NODE2202X	NODE2371X	0.73138427734375
NODE2685X	NODE2323X	NODE2534X	0.7308349609375
NODE2686X	NODE2090X	NODE2451X	0.73052978515625
NODE2687X	NODE2228X	NODE2553X	0.730224609375
NODE2688X	NODE2364X	GENE1437X	0.72979736328125
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NODE2690X	NODE2177X	NODE2080X	0.7279052734375
NODE2691X	NODE2597X	NODE2557X	0.72723388671875
NODE2692X	NODE2139X	GENE1652X	0.72613525390625
NODE2693X	NODE2528X	GENE797X	0.725830078125
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NODE2695X	NODE2517X	NODE2531X	0.72271728515625
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NODE2698X	NODE2165X	NODE2514X	0.7220458984375
NODE2699X	NODE1955X	NODE2561X	0.72137451171875
NODE2700X	NODE2586X	NODE2489X	0.72100830078125
NODE2701X	NODE1895X	NODE2482X	0.71978759765625
NODE2702X	NODE2432X	NODE2273X	0.71868896484375
NODE2703X	NODE2306X	NODE2410X	0.71844482421875
NODE2704X	NODE2348X	GENE2249X	0.71612548828125
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NODE2707X	NODE2465X	NODE2627X	0.7138671875
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NODE2711X	NODE2620X	NODE2536X	0.70941162109375
NODE2712X	NODE2542X	NODE2525X	0.7078857421875
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NODE2714X	NODE2261X	NODE2340X	0.705078125
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NODE2716X	NODE2564X	NODE2598X	0.70452880859375
NODE2717X	GENE1417X	GENE1416X	0.70404052734375
NODE2718X	NODE2376X	NODE2554X	0.70355224609375
NODE2719X	NODE2435X	NODE2549X	0.7032470703125
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NODE2724X	NODE2424X	NODE2466X	0.69671630859375
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NODE2726X	NODE2442X	NODE2690X	0.69476318359375
NODE2727X	NODE2484X	NODE2532X	0.69256591796875
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NODE2736X	NODE2474X	NODE1467X	0.68255615234375

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NODE2742X	GENE812X	NODE2667X	0.67333984375
NODE2743X	NODE2641X	NODE2460X	0.6732177734375
NODE2744X	NODE2137X	NODE2445X	0.6728515625
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NODE2747X	NODE2668X	NODE2695X	0.66973876953125
NODE2748X	NODE2227X	NODE2270X	0.6654052734375
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NODE2758X	NODE2449X	GENE1386X	0.653564453125
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NODE2762X	NODE2645X	NODE2425X	0.6507568359375
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NODE2764X	NODE2679X	NODE2671X	0.6466064453125
NODE2765X	NODE2572X	NODE2427X	0.64593505859375
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NODE2767X	GENE1596X	GENE1595X	0.64471435546875
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