

Targeted Gene Regions Interrogated by Neuro-Oncology Panel

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
AKT1	NM_005163.2	105236676	105236759
AKT1	NM_005163.2	105237080	105237186
AKT1	NM_005163.2	105238700	105238791
AKT1	NM_005163.2	105239213	105239431
AKT1	NM_005163.2	105239586	105239718
AKT1	NM_005163.2	105239790	105239919
AKT1	NM_005163.2	105240247	105240319
AKT1	NM_005163.2	105241273	105241342
AKT1	NM_005163.2	105241411	105241546
AKT1	NM_005163.2	105241987	105242138
AKT1	NM_005163.2	105242994	105243109
AKT1	NM_005163.2	105246423	105246555
AKT1	NM_005163.2	105258933	105258982
ATRX	NM_000489.3	76763827	76764109
ATRX	NM_000489.3	76776264	76776396
ATRX	NM_000489.3	76776879	76776978
ATRX	NM_000489.3	76777739	76777868
ATRX	NM_000489.3	76778728	76778881
ATRX	NM_000489.3	76812920	76813118
ATRX	NM_000489.3	76814138	76814319
ATRX	NM_000489.3	76829713	76829825
ATRX	NM_000489.3	76845302	76845412
ATRX	NM_000489.3	76849164	76849321
ATRX	NM_000489.3	76854878	76855051
ATRX	NM_000489.3	76855199	76855291
ATRX	NM_000489.3	76855901	76856035
ATRX	NM_000489.3	76872079	76872200
ATRX	NM_000489.3	76874272	76874451
ATRX	NM_000489.3	76875861	76876002
ATRX	NM_000489.3	76888693	76888874
ATRX	NM_000489.3	76889052	76889202
ATRX	NM_000489.3	76890083	76890196
ATRX	NM_000489.3	76891404	76891549
ATRX	NM_000489.3	76907602	76907845
ATRX	NM_000489.3	76909586	76909692

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>ATRX</i>	NM_000489.3	76912048	76912145
<i>ATRX</i>	NM_000489.3	76918869	76919049
<i>ATRX</i>	NM_000489.3	76920132	76920269
<i>ATRX</i>	NM_000489.3	76931719	76931795
<i>ATRX</i>	NM_000489.3	76937010	76940087
<i>ATRX</i>	NM_000489.3	76940429	76940500
<i>ATRX</i>	NM_000489.3	76944309	76944422
<i>ATRX</i>	NM_000489.3	76949311	76949428
<i>ATRX</i>	NM_000489.3	76952063	76952194
<i>ATRX</i>	NM_000489.3	76953069	76953125
<i>ATRX</i>	NM_000489.3	76954060	76954119
<i>ATRX</i>	NM_000489.3	76972606	76972722
<i>ATRX</i>	NM_000489.3	77041466	77041489
<i>BRAF</i>	NM_004333.4	140434395	140434553
<i>BRAF</i>	NM_004333.4	140439610	140439748
<i>BRAF</i>	NM_004333.4	140449085	140449220
<i>BRAF</i>	NM_004333.4	140453073	140453195
<i>BRAF</i>	NM_004333.4	140453985	140454035
<i>BRAF</i>	NM_004333.4	140476710	140476890
<i>BRAF</i>	NM_004333.4	140477789	140477877
<i>BRAF</i>	NM_004333.4	140481374	140481495
<i>BRAF</i>	NM_004333.4	140482819	140482959
<i>BRAF</i>	NM_004333.4	140487346	140487386
<i>BRAF</i>	NM_004333.4	140494106	140494269
<i>BRAF</i>	NM_004333.4	140500160	140500283
<i>BRAF</i>	NM_004333.4	140501210	140501362
<i>BRAF</i>	NM_004333.4	140507758	140507864
<i>BRAF</i>	NM_004333.4	140508690	140508797
<i>BRAF</i>	NM_004333.4	140534407	140534674
<i>BRAF</i>	NM_004333.4	140549909	140550014
<i>CDKN2A</i>	NM_000077.4	21968226	21968243
<i>CDKN2A</i>	NM_000077.4	21970899	21970980
<i>CDKN2A</i>	NM_000077.4	21971091	21971209
<i>CDKN2A</i>	NM_000077.4	21974675	21974700
<i>CDKN2B</i>	NM_004936.3	22005984	22006009
<i>CDKN2B</i>	NM_004936.3	22006130	22006248
<i>CDKN2B</i>	NM_004936.3	22008839	22008954

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>CIC</i>	NM_015125.3	42788862	42788925
<i>CIC</i>	NM_015125.3	42790949	42791074
<i>CIC</i>	NM_015125.3	42791156	42791394
<i>CIC</i>	NM_015125.3	42791470	42791603
<i>CIC</i>	NM_015125.3	42791695	42791881
<i>CIC</i>	NM_015125.3	42791960	42792069
<i>CIC</i>	NM_015125.3	42792081	42792129
<i>CIC</i>	NM_015125.3	42793038	42793244
<i>CIC</i>	NM_015125.3	42793331	42793560
<i>CIC</i>	NM_015125.3	42793998	42794105
<i>CIC</i>	NM_015125.3	42794383	42794939
<i>CIC</i>	NM_015125.3	42795026	42795508
<i>CIC</i>	NM_015125.3	42795547	42795620
<i>CIC</i>	NM_015125.3	42795708	42795899
<i>CIC</i>	NM_015125.3	42796236	42796361
<i>CIC</i>	NM_015125.3	42796450	42796612
<i>CIC</i>	NM_015125.3	42796716	42796899
<i>CIC</i>	NM_015125.3	42796902	42797013
<i>CIC</i>	NM_015125.3	42797106	42797435
<i>CIC</i>	NM_015125.3	42797742	42797990
<i>CIC</i>	NM_015125.3	42798085	42798243
<i>CIC</i>	NM_015125.3	42798323	42798458
<i>CIC</i>	NM_015125.3	42798754	42798889
<i>CIC</i>	NM_015125.3	42798974	42799116
<i>CTNNB1</i>	NM_001904.3	41265558	41265574
<i>CTNNB1</i>	NM_001904.3	41266015	41266246
<i>CTNNB1</i>	NM_001904.3	41266443	41266700
<i>CTNNB1</i>	NM_001904.3	41266823	41267065
<i>CTNNB1</i>	NM_001904.3	41267149	41267354
<i>CTNNB1</i>	NM_001904.3	41268697	41268845
<i>CTNNB1</i>	NM_001904.3	41274830	41274937
<i>CTNNB1</i>	NM_001904.3	41275018	41275360
<i>CTNNB1</i>	NM_001904.3	41275628	41275790
<i>CTNNB1</i>	NM_001904.3	41277213	41277336
<i>CTNNB1</i>	NM_001904.3	41277838	41277992
<i>CTNNB1</i>	NM_001904.3	41278077	41278202
<i>CTNNB1</i>	NM_001904.3	41279505	41279569
<i>CTNNB1</i>	NM_001904.3	41280623	41280835

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>DAXX</i>	NM_001141970.1	33286518	33286581
<i>DAXX</i>	NM_001141970.1	33286772	33286998
<i>DAXX</i>	NM_001141970.1	33287155	33287633
<i>DAXX</i>	NM_001141970.1	33287786	33288003
<i>DAXX</i>	NM_001141970.1	33288155	33288370
<i>DAXX</i>	NM_001141970.1	33288511	33289346
<i>DAXX</i>	NM_001141970.1	33289494	33289687
<i>DAXX</i>	NM_001141970.1	33290637	33290693
<i>EGFR</i>	NM_005228.3	55086969	55087057
<i>EGFR</i>	NM_005228.3	55209977	55210132
<i>EGFR</i>	NM_005228.3	55210996	55211183
<i>EGFR</i>	NM_005228.3	55214297	55214435
<i>EGFR</i>	NM_005228.3	55218985	55219057
<i>EGFR</i>	NM_005228.3	55220237	55220359
<i>EGFR</i>	NM_005228.3	55221702	55221847
<i>EGFR</i>	NM_005228.3	55223521	55223641
<i>EGFR</i>	NM_005228.3	55224224	55224354
<i>EGFR</i>	NM_005228.3	55224450	55224527
<i>EGFR</i>	NM_005228.3	55225354	55225448
<i>EGFR</i>	NM_005228.3	55227830	55228033
<i>EGFR</i>	NM_005228.3	55229190	55229326
<i>EGFR</i>	NM_005228.3	55231424	55231518
<i>EGFR</i>	NM_005228.3	55232971	55233132
<i>EGFR</i>	NM_005228.3	55238866	55238908
<i>EGFR</i>	NM_005228.3	55240674	55240743
<i>EGFR</i>	NM_005228.3	55240761	55240819
<i>EGFR</i>	NM_005228.3	55241612	55241738
<i>EGFR</i>	NM_005228.3	55242413	55242515
<i>EGFR</i>	NM_005228.3	55248984	55249173
<i>EGFR</i>	NM_005228.3	55259410	55259569
<i>EGFR</i>	NM_005228.3	55260457	55260536
<i>EGFR</i>	NM_005228.3	55266408	55266558
<i>EGFR</i>	NM_005228.3	55268007	55268108
<i>EGFR</i>	NM_005228.3	55268879	55269050
<i>EGFR</i>	NM_005228.3	55269426	55269477
<i>EGFR</i>	NM_005228.3	55270208	55270320
<i>EGFR</i>	NM_005228.3	55272947	55273312

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>FGFR1</i>	NM_015850.3	38271144	38271324
<i>FGFR1</i>	NM_015850.3	38271434	38271543
<i>FGFR1</i>	NM_015850.3	38271668	38271809
<i>FGFR1</i>	NM_015850.3	38272075	38272149
<i>FGFR1</i>	NM_015850.3	38272295	38272421
<i>FGFR1</i>	NM_015850.3	38273386	38273580
<i>FGFR1</i>	NM_015850.3	38274822	38274866
<i>FGFR1</i>	NM_015850.3	38274868	38274936
<i>FGFR1</i>	NM_015850.3	38275386	38275511
<i>FGFR1</i>	NM_015850.3	38275744	38275893
<i>FGFR1</i>	NM_015850.3	38277049	38277255
<i>FGFR1</i>	NM_015850.3	38279313	38279381
<i>FGFR1</i>	NM_015850.3	38279383	38279461
<i>FGFR1</i>	NM_015850.3	38282025	38282219
<i>FGFR1</i>	NM_015850.3	38283638	38283765
<i>FGFR1</i>	NM_015850.3	38285437	38285613
<i>FGFR1</i>	NM_015850.3	38285868	38285955
<i>FGFR1</i>	NM_015850.3	38287198	38287468
<i>FGFR1</i>	NM_015850.3	38314872	38314966
<i>FGFR2</i>	NM_000141.4	123239369	123239537
<i>FGFR2</i>	NM_000141.4	123243210	123243319
<i>FGFR2</i>	NM_000141.4	123244907	123245048
<i>FGFR2</i>	NM_000141.4	123246866	123246940
<i>FGFR2</i>	NM_000141.4	123247503	123247629
<i>FGFR2</i>	NM_000141.4	123256044	123256238
<i>FGFR2</i>	NM_000141.4	123258007	123258121
<i>FGFR2</i>	NM_000141.4	123260338	123260463
<i>FGFR2</i>	NM_000141.4	123263302	123263457
<i>FGFR2</i>	NM_000141.4	123274629	123274835
<i>FGFR2</i>	NM_000141.4	123276831	123276905
<i>FGFR2</i>	NM_000141.4	123276907	123276979
<i>FGFR2</i>	NM_000141.4	123279491	123279685
<i>FGFR2</i>	NM_000141.4	123298104	123298231
<i>FGFR2</i>	NM_000141.4	123310802	123310975
<i>FGFR2</i>	NM_000141.4	123324014	123324095
<i>FGFR2</i>	NM_000141.4	123324950	123325220
<i>FGFR2</i>	NM_000141.4	123353221	123353333
<i>FGFR3</i>	NM_000142.4	1800979	1801252

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>FGFR3</i>	NM_000142.4	1801472	1801541
<i>FGFR3</i>	NM_000142.4	1803092	1803256
<i>FGFR3</i>	NM_000142.4	1803560	1803754
<i>FGFR3</i>	NM_000142.4	1805417	1805565
<i>FGFR3</i>	NM_000142.4	1806055	1806249
<i>FGFR3</i>	NM_000142.4	1806549	1806576
<i>FGFR3</i>	NM_000142.4	1806579	1806698
<i>FGFR3</i>	NM_000142.4	1807080	1807205
<i>FGFR3</i>	NM_000142.4	1807284	1807335
<i>FGFR3</i>	NM_000142.4	1807502	1807649
<i>FGFR3</i>	NM_000142.4	1807828	1807902
<i>FGFR3</i>	NM_000142.4	1808271	1808308
<i>FGFR3</i>	NM_000142.4	1808313	1808393
<i>FGFR3</i>	NM_000142.4	1808554	1808663
<i>FGFR3</i>	NM_000142.4	1808841	1808991
<i>FUBP1</i>	NM_003902.3	78414449	78414461
<i>FUBP1</i>	NM_003902.3	78414838	78414987
<i>FUBP1</i>	NM_003902.3	78420938	78421016
<i>FUBP1</i>	NM_003902.3	78422255	78422387
<i>FUBP1</i>	NM_003902.3	78425867	78425950
<i>FUBP1</i>	NM_003902.3	78426027	78426167
<i>FUBP1</i>	NM_003902.3	78428453	78428617
<i>FUBP1</i>	NM_003902.3	78429257	78429402
<i>FUBP1</i>	NM_003902.3	78429745	78429849
<i>FUBP1</i>	NM_003902.3	78429937	78430043
<i>FUBP1</i>	NM_003902.3	78430329	78430434
<i>FUBP1</i>	NM_003902.3	78430553	78430655
<i>FUBP1</i>	NM_003902.3	78430751	78430917
<i>FUBP1</i>	NM_003902.3	78432376	78432437
<i>FUBP1</i>	NM_003902.3	78432566	78432641
<i>FUBP1</i>	NM_003902.3	78432731	78432787
<i>FUBP1</i>	NM_003902.3	78433309	78433352
<i>FUBP1</i>	NM_003902.3	78433847	78433889
<i>FUBP1</i>	NM_003902.3	78435607	78435699
<i>FUBP1</i>	NM_003902.3	78444567	78444690
<i>GNA11</i>	NM_002067.4	3110145	3110333
<i>GNA11</i>	NM_002067.4	3113326	3113480
<i>GNA11</i>	NM_002067.4	3114940	3115072

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>GNA11</i>	NM_002067.4	3118920	3119043
<i>GNA11</i>	NM_002067.4	3119202	3119359
<i>GNA11</i>	NM_002067.4	3120985	3121179
<i>GNAQ</i>	NM_002072.3	80336237	80336431
<i>GNAQ</i>	NM_002072.3	80343428	80343585
<i>GNAQ</i>	NM_002072.3	80409377	80409510
<i>GNAQ</i>	NM_002072.3	80412434	80412566
<i>GNAQ</i>	NM_002072.3	80430530	80430688
<i>GNAQ</i>	NM_002072.3	80537075	80537263
<i>GNAS</i>	NM_000516.4	57466804	57466878
<i>GNAS</i>	NM_000516.4	57470665	57470741
<i>GNAS</i>	NM_000516.4	57473994	57474042
<i>GNAS</i>	NM_000516.4	57478584	57478642
<i>GNAS</i>	NM_000516.4	57478725	57478848
<i>GNAS</i>	NM_000516.4	57480436	57480537
<i>GNAS</i>	NM_000516.4	57484215	57484273
<i>GNAS</i>	NM_000516.4	57484403	57484480
<i>GNAS</i>	NM_000516.4	57484574	57484636
<i>GNAS</i>	NM_000516.4	57484737	57484861
<i>GNAS</i>	NM_000516.4	57485004	57485138
<i>GNAS</i>	NM_000516.4	57485387	57485458
<i>GNAS</i>	NM_000516.4	57485736	57485886
<i>H3F3A</i>	NM_002107.4	226252051	226252093
<i>H3F3A</i>	NM_002107.4	226252098	226252182
<i>H3F3A</i>	NM_002107.4	226253355	226253412
<i>H3F3A</i>	NM_002107.4	226253464	226253512
<i>H3F3A</i>	NM_002107.4	226259050	226259150
<i>IDH1</i>	NM_005896.3	209101801	209101895
<i>IDH1</i>	NM_005896.3	209103793	209103959
<i>IDH1</i>	NM_005896.3	209104585	209104729
<i>IDH1</i>	NM_005896.3	209106716	209106871
<i>IDH1</i>	NM_005896.3	209108149	209108330
<i>IDH1</i>	NM_005896.3	209110041	209110150
<i>IDH1</i>	NM_005896.3	209113091	209113386
<i>IDH1</i>	NM_005896.3	209116152	209116277
<i>IDH2</i>	NM_002168.3	90627496	90627587
<i>IDH2</i>	NM_002168.3	90628046	90628142
<i>IDH2</i>	NM_002168.3	90628231	90628332

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>IDH2</i>	NM_002168.3	90628505	90628621
<i>IDH2</i>	NM_002168.3	90630342	90630497
<i>IDH2</i>	NM_002168.3	90630669	90630809
<i>IDH2</i>	NM_002168.3	90631589	90631736
<i>IDH2</i>	NM_002168.3	90631817	90631981
<i>IDH2</i>	NM_002168.3	90633709	90633878
<i>IDH2</i>	NM_002168.3	90634783	90634878
<i>JAK2</i>	NM_004972.3	5021986	5022215
<i>JAK2</i>	NM_004972.3	5029781	5029908
<i>JAK2</i>	NM_004972.3	5044401	5044522
<i>JAK2</i>	NM_004972.3	5050684	5050833
<i>JAK2</i>	NM_004972.3	5054561	5054886
<i>JAK2</i>	NM_004972.3	5055667	5055790
<i>JAK2</i>	NM_004972.3	5064881	5065042
<i>JAK2</i>	NM_004972.3	5066676	5066791
<i>JAK2</i>	NM_004972.3	5069020	5069210
<i>JAK2</i>	NM_004972.3	5069923	5070054
<i>JAK2</i>	NM_004972.3	5072490	5072628
<i>JAK2</i>	NM_004972.3	5073696	5073787
<i>JAK2</i>	NM_004972.3	5077451	5077582
<i>JAK2</i>	NM_004972.3	5078304	5078446
<i>JAK2</i>	NM_004972.3	5080227	5080382
<i>JAK2</i>	NM_004972.3	5080531	5080685
<i>JAK2</i>	NM_004972.3	5081723	5081863
<i>JAK2</i>	NM_004972.3	5089672	5089865
<i>JAK2</i>	NM_004972.3	5090444	5090572
<i>JAK2</i>	NM_004972.3	5090737	5090777
<i>JAK2</i>	NM_004972.3	5090779	5090913
<i>JAK2</i>	NM_004972.3	5123002	5123123
<i>JAK2</i>	NM_004972.3	5126331	5126448
<i>JAK2</i>	NM_004972.3	5126682	5126793
<i>MYBL1</i>	NM_001080416.2	67476930	67477062
<i>MYBL1</i>	NM_001080416.2	67478297	67478480
<i>MYBL1</i>	NM_001080416.2	67478917	67479025
<i>MYBL1</i>	NM_001080416.2	67479109	67479229
<i>MYBL1</i>	NM_001080416.2	67484715	67484833
<i>MYBL1</i>	NM_001080416.2	67485597	67485743
<i>MYBL1</i>	NM_001080416.2	67488240	67488612

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>MYBL1</i>	NM_001080416.2	67492366	67492603
<i>MYBL1</i>	NM_001080416.2	67504673	67504781
<i>MYBL1</i>	NM_001080416.2	67505353	67505431
<i>MYBL1</i>	NM_001080416.2	67507816	67507994
<i>MYBL1</i>	NM_001080416.2	67509563	67509787
<i>MYBL1</i>	NM_001080416.2	67511283	67511379
<i>MYBL1</i>	NM_001080416.2	67513931	67514006
<i>MYBL1</i>	NM_001080416.2	67514651	67514760
<i>MYBL1</i>	NM_001080416.2	67525052	67525075
<i>MYC</i>	NM_002467.4	128748838	128748871
<i>MYC</i>	NM_002467.4	128750492	128751267
<i>MYC</i>	NM_002467.4	128752640	128753206
<i>MYCN</i>	NM_001293228.1	16082185	16082332
<i>MYCN</i>	NM_001293228.1	16082343	16082531
<i>MYCN</i>	NM_001293228.1	16082945	16082978
<i>MYCN</i>	NM_001293228.1	16085613	16086221
<i>NF1</i>	NM_001042492.2	29422326	29422389
<i>NF1</i>	NM_001042492.2	29482999	29483146
<i>NF1</i>	NM_001042492.2	29486026	29486113
<i>NF1</i>	NM_001042492.2	29490202	29490396
<i>NF1</i>	NM_001042492.2	29496907	29497017
<i>NF1</i>	NM_001042492.2	29508438	29508509
<i>NF1</i>	NM_001042492.2	29508726	29508805
<i>NF1</i>	NM_001042492.2	29509524	29509685
<i>NF1</i>	NM_001042492.2	29527438	29527615
<i>NF1</i>	NM_001042492.2	29528053	29528179
<i>NF1</i>	NM_001042492.2	29528427	29528505
<i>NF1</i>	NM_001042492.2	29533256	29533391
<i>NF1</i>	NM_001042492.2	29541467	29541605
<i>NF1</i>	NM_001042492.2	29546021	29546138
<i>NF1</i>	NM_001042492.2	29548866	29548949
<i>NF1</i>	NM_001042492.2	29550460	29550587
<i>NF1</i>	NM_001042492.2	29552111	29552270
<i>NF1</i>	NM_001042492.2	29553451	29553704
<i>NF1</i>	NM_001042492.2	29554234	29554311
<i>NF1</i>	NM_001042492.2	29554539	29554626
<i>NF1</i>	NM_001042492.2	29556041	29556485
<i>NF1</i>	NM_001042492.2	29556851	29556994

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>NF1</i>	NM_001042492.2	29557276	29557402
<i>NF1</i>	NM_001042492.2	29557858	29557909
<i>NF1</i>	NM_001042492.2	29559089	29559209
<i>NF1</i>	NM_001042492.2	29559716	29559901
<i>NF1</i>	NM_001042492.2	29560018	29560233
<i>NF1</i>	NM_001042492.2	29562627	29562792
<i>NF1</i>	NM_001042492.2	29562934	29563041
<i>NF1</i>	NM_001042492.2	29576000	29576139
<i>NF1</i>	NM_001042492.2	29579954	29580020
<i>NF1</i>	NM_001042492.2	29585360	29585522
<i>NF1</i>	NM_001042492.2	29586048	29586149
<i>NF1</i>	NM_001042492.2	29587385	29587535
<i>NF1</i>	NM_001042492.2	29588727	29588877
<i>NF1</i>	NM_001042492.2	29592245	29592359
<i>NF1</i>	NM_001042492.2	29652836	29653272
<i>NF1</i>	NM_001042492.2	29654515	29654859
<i>NF1</i>	NM_001042492.2	29657312	29657518
<i>NF1</i>	NM_001042492.2	29661854	29662051
<i>NF1</i>	NM_001042492.2	29663349	29663493
<i>NF1</i>	NM_001042492.2	29663651	29663934
<i>NF1</i>	NM_001042492.2	29664384	29664602
<i>NF1</i>	NM_001042492.2	29664835	29664900
<i>NF1</i>	NM_001042492.2	29665041	29665159
<i>NF1</i>	NM_001042492.2	29665720	29665825
<i>NF1</i>	NM_001042492.2	29667521	29667665
<i>NF1</i>	NM_001042492.2	29670025	29670155
<i>NF1</i>	NM_001042492.2	29676136	29676271
<i>NF1</i>	NM_001042492.2	29677199	29677338
<i>NF1</i>	NM_001042492.2	29679273	29679434
<i>NF1</i>	NM_001042492.2	29683476	29683602
<i>NF1</i>	NM_001042492.2	29683976	29684110
<i>NF1</i>	NM_001042492.2	29684285	29684389
<i>NF1</i>	NM_001042492.2	29685496	29685642
<i>NF1</i>	NM_001042492.2	29685985	29686035
<i>NF1</i>	NM_001042492.2	29687503	29687723
<i>NF1</i>	NM_001042492.2	29701029	29701175
<i>NF2</i>	NM_000268.3	30000048	30000103
<i>NF2</i>	NM_000268.3	30032738	30032867

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>NF2</i>	NM_000268.3	30035077	30035203
<i>NF2</i>	NM_000268.3	30038189	30038276
<i>NF2</i>	NM_000268.3	30050644	30050716
<i>NF2</i>	NM_000268.3	30051581	30051667
<i>NF2</i>	NM_000268.3	30054176	30054255
<i>NF2</i>	NM_000268.3	30057192	30057330
<i>NF2</i>	NM_000268.3	30060977	30061055
<i>NF2</i>	NM_000268.3	30064320	30064437
<i>NF2</i>	NM_000268.3	30067813	30067939
<i>NF2</i>	NM_000268.3	30069256	30069477
<i>NF2</i>	NM_000268.3	30070823	30070932
<i>NF2</i>	NM_000268.3	30074183	30074314
<i>NF2</i>	NM_000268.3	30077426	30077592
<i>NF2</i>	NM_000268.3	30090739	30090793
<i>NOTCH1</i>	NM_017617.3	139390521	139390886
<i>NOTCH1</i>	NM_017617.3	139390892	139392012
<i>NOTCH1</i>	NM_017617.3	139393349	139393450
<i>NOTCH1</i>	NM_017617.3	139393562	139393713
<i>NOTCH1</i>	NM_017617.3	139395012	139395301
<i>NOTCH1</i>	NM_017617.3	139396198	139396367
<i>NOTCH1</i>	NM_017617.3	139396451	139396542
<i>NOTCH1</i>	NM_017617.3	139396722	139396787
<i>NOTCH1</i>	NM_017617.3	139397632	139397784
<i>NOTCH1</i>	NM_017617.3	139399338	139399558
<i>NOTCH1</i>	NM_017617.3	139399760	139400226
<i>NOTCH1</i>	NM_017617.3	139400265	139400335
<i>NOTCH1</i>	NM_017617.3	139400977	139400992
<i>NOTCH1</i>	NM_017617.3	139400997	139401093
<i>NOTCH1</i>	NM_017617.3	139401166	139401427
<i>NOTCH1</i>	NM_017617.3	139401755	139401891
<i>NOTCH1</i>	NM_017617.3	139402405	139402593
<i>NOTCH1</i>	NM_017617.3	139402682	139402839
<i>NOTCH1</i>	NM_017617.3	139403331	139403440
<i>NOTCH1</i>	NM_017617.3	139404183	139404415
<i>NOTCH1</i>	NM_017617.3	139405103	139405259
<i>NOTCH1</i>	NM_017617.3	139405602	139405725
<i>NOTCH1</i>	NM_017617.3	139407502	139407588
<i>NOTCH1</i>	NM_017617.3	139407842	139407991

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>NOTCH1</i>	NM_017617.3	139408960	139409004
<i>NOTCH1</i>	NM_017617.3	139409026	139409156
<i>NOTCH1</i>	NM_017617.3	139409740	139409854
<i>NOTCH1</i>	NM_017617.3	139409933	139410092
<i>NOTCH1</i>	NM_017617.3	139410112	139410170
<i>NOTCH1</i>	NM_017617.3	139410431	139410548
<i>NOTCH1</i>	NM_017617.3	139411748	139411839
<i>NOTCH1</i>	NM_017617.3	139412202	139412391
<i>NOTCH1</i>	NM_017617.3	139412587	139412725
<i>NOTCH1</i>	NM_017617.3	139413047	139413278
<i>NOTCH1</i>	NM_017617.3	139413893	139413914
<i>NOTCH1</i>	NM_017617.3	139413916	139414019
<i>NOTCH1</i>	NM_017617.3	139417458	139417642
<i>NOTCH1</i>	NM_017617.3	139418167	139418317
<i>NOTCH1</i>	NM_017617.3	139418321	139418433
<i>NOTCH1</i>	NM_017617.3	139438474	139438556
<i>NOTCH2</i>	NM_024408.3	120457927	120459319
<i>NOTCH2</i>	NM_024408.3	120460286	120460387
<i>NOTCH2</i>	NM_024408.3	120461027	120461178
<i>NOTCH2</i>	NM_024408.3	120461933	120462238
<i>NOTCH2</i>	NM_024408.3	120462850	120463022
<i>NOTCH2</i>	NM_024408.3	120464334	120464434
<i>NOTCH2</i>	NM_024408.3	120464857	120465071
<i>NOTCH2</i>	NM_024408.3	120465257	120465403
<i>NOTCH2</i>	NM_024408.3	120466258	120466609
<i>NOTCH2</i>	NM_024408.3	120467926	120468377
<i>NOTCH2</i>	NM_024408.3	120468387	120468435
<i>NOTCH2</i>	NM_024408.3	120469120	120469236
<i>NOTCH2</i>	NM_024408.3	120471597	120471837
<i>NOTCH2</i>	NM_024408.3	120478093	120478229
<i>NOTCH2</i>	NM_024408.3	120479903	120480091
<i>NOTCH2</i>	NM_024408.3	120480478	120480635
<i>NOTCH2</i>	NM_024408.3	120483176	120483326
<i>NOTCH2</i>	NM_024408.3	120483328	120483381
<i>NOTCH2</i>	NM_024408.3	120484147	120484379
<i>NOTCH2</i>	NM_024408.3	120491035	120491191
<i>NOTCH2</i>	NM_024408.3	120491628	120491751
<i>NOTCH2</i>	NM_024408.3	120493345	120493462

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
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<i>NOTCH2</i>	NM_024408.3	120502013	120502127
<i>NOTCH2</i>	NM_024408.3	120506195	120506432
<i>NOTCH2</i>	NM_024408.3	120508074	120508191
<i>NOTCH2</i>	NM_024408.3	120508997	120509114
<i>NOTCH2</i>	NM_024408.3	120510054	120510246
<i>NOTCH2</i>	NM_024408.3	120510698	120510857
<i>NOTCH2</i>	NM_024408.3	120512132	120512350
<i>NOTCH2</i>	NM_024408.3	120512352	120512369
<i>NOTCH2</i>	NM_024408.3	120529581	120529707
<i>NOTCH2</i>	NM_024408.3	120539618	120539957
<i>NOTCH2</i>	NM_024408.3	120547950	120548173
<i>PDGFRA</i>	NM_006206.4	55124934	55124986
<i>PDGFRA</i>	NM_006206.4	55127260	55127417
<i>PDGFRA</i>	NM_006206.4	55127419	55127421
<i>PDGFRA</i>	NM_006206.4	55127423	55127581
<i>PDGFRA</i>	NM_006206.4	55129832	55130096
<i>PDGFRA</i>	NM_006206.4	55131084	55131218
<i>PDGFRA</i>	NM_006206.4	55133454	55133629
<i>PDGFRA</i>	NM_006206.4	55133717	55133910
<i>PDGFRA</i>	NM_006206.4	55136798	55136917
<i>PDGFRA</i>	NM_006206.4	55138559	55138689
<i>PDGFRA</i>	NM_006206.4	55139702	55139899
<i>PDGFRA</i>	NM_006206.4	55140696	55140794
<i>PDGFRA</i>	NM_006206.4	55141006	55141142
<i>PDGFRA</i>	NM_006206.4	55143553	55143661
<i>PDGFRA</i>	NM_006206.4	55144061	55144175
<i>PDGFRA</i>	NM_006206.4	55144527	55144684
<i>PDGFRA</i>	NM_006206.4	55146481	55146651
<i>PDGFRA</i>	NM_006206.4	55151536	55151655
<i>PDGFRA</i>	NM_006206.4	55152006	55152132
<i>PDGFRA</i>	NM_006206.4	55153595	55153710
<i>PDGFRA</i>	NM_006206.4	55154964	55155067
<i>PDGFRA</i>	NM_006206.4	55155174	55155283
<i>PDGFRA</i>	NM_006206.4	55156478	55156723
<i>PDGFRA</i>	NM_006206.4	55161290	55161441
<i>PIK3CA</i>	NM_006218.2	178916612	178916967

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>PIK3CA</i>	NM_006218.2	178917476	178917689
<i>PIK3CA</i>	NM_006218.2	178919076	178919330
<i>PIK3CA</i>	NM_006218.2	178921330	178921579
<i>PIK3CA</i>	NM_006218.2	178922289	178922378
<i>PIK3CA</i>	NM_006218.2	178927381	178927490
<i>PIK3CA</i>	NM_006218.2	178927972	178928128
<i>PIK3CA</i>	NM_006218.2	178928217	178928355
<i>PIK3CA</i>	NM_006218.2	178935996	178936124
<i>PIK3CA</i>	NM_006218.2	178936982	178937067
<i>PIK3CA</i>	NM_006218.2	178937357	178937525
<i>PIK3CA</i>	NM_006218.2	178937735	178937811
<i>PIK3CA</i>	NM_006218.2	178938772	178938947
<i>PIK3CA</i>	NM_006218.2	178941867	178941977
<i>PIK3CA</i>	NM_006218.2	178942486	178942611
<i>PIK3CA</i>	NM_006218.2	178943748	178943830
<i>PIK3CA</i>	NM_006218.2	178947058	178947232
<i>PIK3CA</i>	NM_006218.2	178947790	178947911
<i>PIK3CA</i>	NM_006218.2	178948011	178948166
<i>PIK3CA</i>	NM_006218.2	178951880	178952154
<i>PIK3R1</i>	NM_181523.2	67522502	67522839
<i>PIK3R1</i>	NM_181523.2	67569216	67569312
<i>PIK3R1</i>	NM_181523.2	67569765	67569843
<i>PIK3R1</i>	NM_181523.2	67575428	67575563
<i>PIK3R1</i>	NM_181523.2	67576354	67576559
<i>PIK3R1</i>	NM_181523.2	67576753	67576836
<i>PIK3R1</i>	NM_181523.2	67588085	67588191
<i>PIK3R1</i>	NM_181523.2	67588927	67589029
<i>PIK3R1</i>	NM_181523.2	67589129	67589313
<i>PIK3R1</i>	NM_181523.2	67589535	67589664
<i>PIK3R1</i>	NM_181523.2	67590362	67590508
<i>PIK3R1</i>	NM_181523.2	67590974	67591154
<i>PIK3R1</i>	NM_181523.2	67591246	67591318
<i>PIK3R1</i>	NM_181523.2	67591997	67592171
<i>PIK3R1</i>	NM_181523.2	67593238	67593431
<i>PIK3R2</i>	NM_005027.3	18266787	18266909
<i>PIK3R2</i>	NM_005027.3	18271279	18271375
<i>PIK3R2</i>	NM_005027.3	18271727	18271781
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Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>PIK3R2</i>	NM_005027.3	18272774	18272863
<i>PIK3R2</i>	NM_005027.3	18273010	18273122
<i>PIK3R2</i>	NM_005027.3	18273216	18273318
<i>PIK3R2</i>	NM_005027.3	18273775	18273959
<i>PIK3R2</i>	NM_005027.3	18274071	18274200
<i>PIK3R2</i>	NM_005027.3	18276968	18277114
<i>PIK3R2</i>	NM_005027.3	18277938	18278118
<i>PIK3R2</i>	NM_005027.3	18279283	18279358
<i>PIK3R2</i>	NM_005027.3	18279534	18279708
<i>PIK3R2</i>	NM_005027.3	18279895	18280000
<i>PTCH1</i>	NM_000264.3	98209192	98209415
<i>PTCH1</i>	NM_000264.3	98209449	98209568
<i>PTCH1</i>	NM_000264.3	98209582	98209717
<i>PTCH1</i>	NM_000264.3	98209721	98209735
<i>PTCH1</i>	NM_000264.3	98211349	98211607
<i>PTCH1</i>	NM_000264.3	98212121	98212224
<i>PTCH1</i>	NM_000264.3	98215758	98215904
<i>PTCH1</i>	NM_000264.3	98218556	98218697
<i>PTCH1</i>	NM_000264.3	98220293	98220577
<i>PTCH1</i>	NM_000264.3	98221880	98222067
<i>PTCH1</i>	NM_000264.3	98224136	98224282
<i>PTCH1</i>	NM_000264.3	98229396	98229709
<i>PTCH1</i>	NM_000264.3	98231031	98231437
<i>PTCH1</i>	NM_000264.3	98232093	98232215
<i>PTCH1</i>	NM_000264.3	98238314	98238443
<i>PTCH1</i>	NM_000264.3	98239039	98239141
<i>PTCH1</i>	NM_000264.3	98239827	98239880
<i>PTCH1</i>	NM_000264.3	98239882	98239986
<i>PTCH1</i>	NM_000264.3	98240335	98240470
<i>PTCH1</i>	NM_000264.3	98241280	98241431
<i>PTCH1</i>	NM_000264.3	98242249	98242374
<i>PTCH1</i>	NM_000264.3	98242670	98242872
<i>PTCH1</i>	NM_000264.3	98244229	98244324
<i>PTCH1</i>	NM_000264.3	98244414	98244487
<i>PTCH1</i>	NM_000264.3	98247965	98248158
<i>PTCH1</i>	NM_000264.3	98268687	98268883
<i>PTCH1</i>	NM_000264.3	98270441	98270494
<i>PTEN</i>	NM_000314.4	89624225	89624307

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>PTEN</i>	NM_000314.4	89653780	89653868
<i>PTEN</i>	NM_000314.4	89685268	89685316
<i>PTEN</i>	NM_000314.4	89690801	89690848
<i>PTEN</i>	NM_000314.4	89692768	89693010
<i>PTEN</i>	NM_000314.4	89711873	89712018
<i>PTEN</i>	NM_000314.4	89717608	89717778
<i>PTEN</i>	NM_000314.4	89720649	89720877
<i>PTEN</i>	NM_000314.4	89725042	89725120
<i>PTEN</i>	NM_000314.4	89725170	89725231
<i>RB1</i>	NM_000321.2	48878047	48878067
<i>RB1</i>	NM_000321.2	48881414	48881544
<i>RB1</i>	NM_000321.2	48916733	48916852
<i>RB1</i>	NM_000321.2	48919214	48919337
<i>RB1</i>	NM_000321.2	48921959	48922001
<i>RB1</i>	NM_000321.2	48923090	48923161
<i>RB1</i>	NM_000321.2	48934151	48934265
<i>RB1</i>	NM_000321.2	48936949	48937095
<i>RB1</i>	NM_000321.2	48939028	48939109
<i>RB1</i>	NM_000321.2	48941628	48941741
<i>RB1</i>	NM_000321.2	48942661	48942742
<i>RB1</i>	NM_000321.2	48947539	48947630
<i>RB1</i>	NM_000321.2	48951052	48951172
<i>RB1</i>	NM_000321.2	48953728	48953788
<i>RB1</i>	NM_000321.2	48954187	48954222
<i>RB1</i>	NM_000321.2	48954299	48954379
<i>RB1</i>	NM_000321.2	48955381	48955581
<i>RB1</i>	NM_000321.2	49027127	49027249
<i>RB1</i>	NM_000321.2	49030338	49030487
<i>RB1</i>	NM_000321.2	49033822	49033971
<i>RB1</i>	NM_000321.2	49037865	49037973
<i>RB1</i>	NM_000321.2	49039172	49039249
<i>RB1</i>	NM_000321.2	49039339	49039506
<i>RB1</i>	NM_000321.2	49047494	49047528
<i>RB1</i>	NM_000321.2	49050835	49050981
<i>RB1</i>	NM_000321.2	49051489	49051542
<i>RB1</i>	NM_000321.2	49054132	49054209
<i>SDHA</i>	NM_004168.2	223595	223685
<i>SDHA</i>	NM_004168.2	224473	224638

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>SDHA</i>	NM_004168.2	225532	225534
<i>SDHA</i>	NM_004168.2	225537	225543
<i>SDHA</i>	NM_004168.2	225545	225679
<i>SDHA</i>	NM_004168.2	226037	226164
<i>SDHA</i>	NM_004168.2	228334	228450
<i>SDHA</i>	NM_004168.2	230989	231117
<i>SDHA</i>	NM_004168.2	233590	233762
<i>SDHA</i>	NM_004168.2	235257	235456
<i>SDHA</i>	NM_004168.2	236541	236653
<i>SDHA</i>	NM_004168.2	236668	236716
<i>SDHA</i>	NM_004168.2	251451	251570
<i>SDHA</i>	NM_004168.2	254598	254623
<i>SDHA</i>	NM_004168.2	256447	256537
<i>SDHB</i>	NM_003000.2	17345374	17345455
<i>SDHB</i>	NM_003000.2	17349101	17349227
<i>SDHB</i>	NM_003000.2	17350466	17350571
<i>SDHB</i>	NM_003000.2	17354242	17354362
<i>SDHB</i>	NM_003000.2	17355093	17355233
<i>SDHB</i>	NM_003000.2	17359553	17359642
<i>SDHB</i>	NM_003000.2	17371254	17371385
<i>SDHB</i>	NM_003000.2	17380441	17380516
<i>SDHC</i>	NM_003001.3	161284194	161284217
<i>SDHC</i>	NM_003001.3	161293402	161293462
<i>SDHC</i>	NM_003001.3	161298184	161298289
<i>SDHC</i>	NM_003001.3	161310382	161310447
<i>SDHC</i>	NM_003001.3	161326465	161326632
<i>SDHC</i>	NM_003001.3	161332117	161332188
<i>SDHD</i>	NM_003002.3	111957630	111957685
<i>SDHD</i>	NM_003002.3	111958579	111958699
<i>SDHD</i>	NM_003002.3	111959589	111959737
<i>SDHD</i>	NM_003002.3	111965527	111965632
<i>SMARCA4</i>	NM_001128849.1	11094955	11095051
<i>SMARCA4</i>	NM_001128849.1	11095947	11096083
<i>SMARCA4</i>	NM_001128849.1	11096863	11097024
<i>SMARCA4</i>	NM_001128849.1	11097035	11097155
<i>SMARCA4</i>	NM_001128849.1	11097172	11097271
<i>SMARCA4</i>	NM_001128849.1	11097579	11097681
<i>SMARCA4</i>	NM_001128849.1	11098527	11098602

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>SMARCA4</i>	NM_001128849.1	11099991	11100121
<i>SMARCA4</i>	NM_001128849.1	11101824	11101933
<i>SMARCA4</i>	NM_001128849.1	11105502	11105679
<i>SMARCA4</i>	NM_001128849.1	11106887	11107058
<i>SMARCA4</i>	NM_001128849.1	11107168	11107222
<i>SMARCA4</i>	NM_001128849.1	11113703	11113837
<i>SMARCA4</i>	NM_001128849.1	11114014	11114075
<i>SMARCA4</i>	NM_001128849.1	11118576	11118701
<i>SMARCA4</i>	NM_001128849.1	11121055	11121209
<i>SMARCA4</i>	NM_001128849.1	11123623	11123790
<i>SMARCA4</i>	NM_001128849.1	11129631	11129701
<i>SMARCA4</i>	NM_001128849.1	11130265	11130379
<i>SMARCA4</i>	NM_001128849.1	11132399	11132645
<i>SMARCA4</i>	NM_001128849.1	11134192	11134309
<i>SMARCA4</i>	NM_001128849.1	11135005	11135116
<i>SMARCA4</i>	NM_001128849.1	11136096	11136186
<i>SMARCA4</i>	NM_001128849.1	11136974	11137024
<i>SMARCA4</i>	NM_001128849.1	11138458	11138628
<i>SMARCA4</i>	NM_001128849.1	11141404	11141571
<i>SMARCA4</i>	NM_001128849.1	11143964	11144195
<i>SMARCA4</i>	NM_001128849.1	11144441	11144543
<i>SMARCA4</i>	NM_001128849.1	11144797	11144878
<i>SMARCA4</i>	NM_001128849.1	11145588	11145810
<i>SMARCA4</i>	NM_001128849.1	11150132	11150231
<i>SMARCA4</i>	NM_001128849.1	11151981	11152238
<i>SMARCA4</i>	NM_001128849.1	11168929	11169041
<i>SMARCA4</i>	NM_001128849.1	11169462	11169567
<i>SMARCA4</i>	NM_001128849.1	11170427	11170563
<i>SMARCA4</i>	NM_001128849.1	11170719	11170865
<i>SMARCA4</i>	NM_001128849.1	11172458	11172494
<i>SMARCB1</i>	NM_003073.3	24129355	24129430
<i>SMARCB1</i>	NM_003073.3	24133941	24134083
<i>SMARCB1</i>	NM_003073.3	24135744	24135877
<i>SMARCB1</i>	NM_003073.3	24143129	24143270
<i>SMARCB1</i>	NM_003073.3	24145480	24145611
<i>SMARCB1</i>	NM_003073.3	24158955	24159125
<i>SMARCB1</i>	NM_003073.3	24167410	24167604

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>SMARCB1</i>	NM_003073.3	24175757	24175892
<i>SMARCB1</i>	NM_003073.3	24176326	24176369
<i>SMO</i>	NM_005631.4	128843223	128843432
<i>SMO</i>	NM_005631.4	128845042	128845255
<i>SMO</i>	NM_005631.4	128845449	128845625
<i>SMO</i>	NM_005631.4	128845989	128846212
<i>SMO</i>	NM_005631.4	128846303	128846430
<i>SMO</i>	NM_005631.4	128848598	128848694
<i>SMO</i>	NM_005631.4	128849128	128849240
<i>SMO</i>	NM_005631.4	128850202	128850391
<i>SMO</i>	NM_005631.4	128850804	128850956
<i>SMO</i>	NM_005631.4	128851475	128851613
<i>SMO</i>	NM_005631.4	128851863	128852294
<i>STAT3</i>	NM_139276.2	40467761	40467820
<i>STAT3</i>	NM_139276.2	40468805	40468921
<i>STAT3</i>	NM_139276.2	40469198	40469244
<i>STAT3</i>	NM_139276.2	40474298	40474514
<i>STAT3</i>	NM_139276.2	40475020	40475163
<i>STAT3</i>	NM_139276.2	40475276	40475374
<i>STAT3</i>	NM_139276.2	40475589	40475645
<i>STAT3</i>	NM_139276.2	40476752	40476866
<i>STAT3</i>	NM_139276.2	40476979	40477081
<i>STAT3</i>	NM_139276.2	40478132	40478219
<i>STAT3</i>	NM_139276.2	40481426	40481477
<i>STAT3</i>	NM_139276.2	40481570	40481667
<i>STAT3</i>	NM_139276.2	40481763	40481796
<i>STAT3</i>	NM_139276.2	40483488	40483551
<i>STAT3</i>	NM_139276.2	40485689	40485785
<i>STAT3</i>	NM_139276.2	40485907	40486069
<i>STAT3</i>	NM_139276.2	40489451	40489606
<i>STAT3</i>	NM_139276.2	40489779	40489877
<i>STAT3</i>	NM_139276.2	40490747	40490832
<i>STAT3</i>	NM_139276.2	40491331	40491429
<i>STAT3</i>	NM_139276.2	40497575	40497677
<i>STAT3</i>	NM_139276.2	40498585	40498733
<i>STAT3</i>	NM_139276.2	40500405	40500536
<i>SUFU</i>	NM_016169.3	104263999	104264093
<i>SUFU</i>	NM_016169.3	104268924	104269062

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>SUFU</i>	NM_016169.3	104309725	104309865
<i>SUFU</i>	NM_016169.3	104352337	104352483
<i>SUFU</i>	NM_016169.3	104353391	104353480
<i>SUFU</i>	NM_016169.3	104353748	104353824
<i>SUFU</i>	NM_016169.3	104356895	104357052
<i>SUFU</i>	NM_016169.3	104359188	104359303
<i>SUFU</i>	NM_016169.3	104375023	104375155
<i>SUFU</i>	NM_016169.3	104377045	104377104
<i>SUFU</i>	NM_016169.3	104377106	104377187
<i>SUFU</i>	NM_016169.3	104386930	104387002
<i>SUFU</i>	NM_016169.3	104389821	104389914
<i>TERT</i>	NM_198253.2	1253841	1253948
<i>TERT</i>	NM_198253.2	1254481	1254622
<i>TERT</i>	NM_198253.2	1255400	1255528
<i>TERT</i>	NM_198253.2	1258711	1258776
<i>TERT</i>	NM_198253.2	1260587	1260717
<i>TERT</i>	NM_198253.2	1264517	1264709
<i>TERT</i>	NM_198253.2	1266577	1266652
<i>TERT</i>	NM_198253.2	1268633	1268750
<i>TERT</i>	NM_198253.2	1271232	1271321
<i>TERT</i>	NM_198253.2	1272298	1272364
<i>TERT</i>	NM_198253.2	1278754	1278913
<i>TERT</i>	NM_198253.2	1279404	1279587
<i>TERT</i>	NM_198253.2	1280271	1280455
<i>TERT</i>	NM_198253.2	1282542	1282741
<i>TERT</i>	NM_198253.2	1293426	1293551
<i>TERT</i>	NM_198253.2	1293775	1294037
<i>TERT</i>	NM_198253.2	1294043	1294150
<i>TERT</i>	NM_198253.2	1294152	1294163
<i>TERT</i>	NM_198253.2	1294194	1294305
<i>TERT</i>	NM_198253.2	1295150	1295277
<i>TET1</i>	NM_030625.2	70332094	70332539
<i>TET1</i>	NM_030625.2	70332541	70334011
<i>TET1</i>	NM_030625.2	70360736	70360793
<i>TET1</i>	NM_030625.2	70404453	70406764
<i>TET1</i>	NM_030625.2	70411601	70411695
<i>TET1</i>	NM_030625.2	70412256	70412353
<i>TET1</i>	NM_030625.2	70426800	70427015

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>TET1</i>	NM_030625.2	70432650	70432804
<i>TET1</i>	NM_030625.2	70441154	70441247
<i>TET1</i>	NM_030625.2	70442591	70442732
<i>TET1</i>	NM_030625.2	70446111	70446466
<i>TET1</i>	NM_030625.2	70450563	70451573
<i>TET2</i>	NM_001127208.2	106155098	106158510
<i>TET2</i>	NM_001127208.2	106162494	106162588
<i>TET2</i>	NM_001127208.2	106163989	106164086
<i>TET2</i>	NM_001127208.2	106164725	106164937
<i>TET2</i>	NM_001127208.2	106180774	106180928
<i>TET2</i>	NM_001127208.2	106182914	106183007
<i>TET2</i>	NM_001127208.2	106190765	106190906
<i>TET2</i>	NM_001127208.2	106193719	106194077
<i>TET2</i>	NM_001127208.2	106196203	106197678
<i>TP53</i>	NM_000546.5	7572925	7573010
<i>TP53</i>	NM_000546.5	7573925	7574035
<i>TP53</i>	NM_000546.5	7576851	7576928
<i>TP53</i>	NM_000546.5	7577017	7577157
<i>TP53</i>	NM_000546.5	7577497	7577610
<i>TP53</i>	NM_000546.5	7578175	7578291
<i>TP53</i>	NM_000546.5	7578369	7578556
<i>TP53</i>	NM_000546.5	7579310	7579592
<i>TP53</i>	NM_000546.5	7579837	7579914
<i>TSC1</i>	NM_000368.4	135771620	135772143
<i>TSC1</i>	NM_000368.4	135772569	135772734
<i>TSC1</i>	NM_000368.4	135772808	135772970
<i>TSC1</i>	NM_000368.4	135776100	135776226
<i>TSC1</i>	NM_000368.4	135776974	135777088
<i>TSC1</i>	NM_000368.4	135777990	135778176
<i>TSC1</i>	NM_000368.4	135779036	135779206
<i>TSC1</i>	NM_000368.4	135779796	135779843
<i>TSC1</i>	NM_000368.4	135780966	135781528
<i>TSC1</i>	NM_000368.4	135782116	135782224
<i>TSC1</i>	NM_000368.4	135782686	135782759
<i>TSC1</i>	NM_000368.4	135785956	135786081
<i>TSC1</i>	NM_000368.4	135786387	135786502
<i>TSC1</i>	NM_000368.4	135786838	135786957
<i>TSC1</i>	NM_000368.4	135787667	135787846

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>TSC1</i>	NM_000368.4	135796748	135796825
<i>TSC1</i>	NM_000368.4	135797204	135797362
<i>TSC1</i>	NM_000368.4	135798733	135798881
<i>TSC1</i>	NM_000368.4	135800972	135801128
<i>TSC1</i>	NM_000368.4	135802586	135802693
<i>TSC1</i>	NM_000368.4	135804152	135804261
<i>TSC2</i>	NM_000548.3	2098615	2098756
<i>TSC2</i>	NM_000548.3	2100399	2100489
<i>TSC2</i>	NM_000548.3	2103341	2103455
<i>TSC2</i>	NM_000548.3	2104295	2104443
<i>TSC2</i>	NM_000548.3	2105401	2105522
<i>TSC2</i>	NM_000548.3	2106195	2106239
<i>TSC2</i>	NM_000548.3	2106643	2106677
<i>TSC2</i>	NM_000548.3	2106682	2106772
<i>TSC2</i>	NM_000548.3	2107104	2107181
<i>TSC2</i>	NM_000548.3	2108746	2108876
<i>TSC2</i>	NM_000548.3	2110669	2110816
<i>TSC2</i>	NM_000548.3	2111870	2112011
<i>TSC2</i>	NM_000548.3	2112496	2112603
<i>TSC2</i>	NM_000548.3	2113028	2113056
<i>TSC2</i>	NM_000548.3	2114271	2114430
<i>TSC2</i>	NM_000548.3	2115518	2115638
<i>TSC2</i>	NM_000548.3	2120455	2120581
<i>TSC2</i>	NM_000548.3	2121509	2121619
<i>TSC2</i>	NM_000548.3	2122240	2122366
<i>TSC2</i>	NM_000548.3	2122848	2122986
<i>TSC2</i>	NM_000548.3	2124199	2124392
<i>TSC2</i>	NM_000548.3	2125798	2125864
<i>TSC2</i>	NM_000548.3	2126067	2126173
<i>TSC2</i>	NM_000548.3	2126490	2126588
<i>TSC2</i>	NM_000548.3	2127597	2127729
<i>TSC2</i>	NM_000548.3	2129031	2129199
<i>TSC2</i>	NM_000548.3	2129275	2129431
<i>TSC2</i>	NM_000548.3	2129556	2129672
<i>TSC2</i>	NM_000548.3	2130164	2130380
<i>TSC2</i>	NM_000548.3	2131594	2131801
<i>TSC2</i>	NM_000548.3	2132435	2132507
<i>TSC2</i>	NM_000548.3	2133694	2133819

Gene	GenBank Accession Number	Nucleotide Start	Nucleotide End
<i>TSC2</i>	NM_000548.3	2134227	2134602
<i>TSC2</i>	NM_000548.3	2134608	2134718
<i>TSC2</i>	NM_000548.3	2134950	2135029
<i>TSC2</i>	NM_000548.3	2135242	2135325
<i>TSC2</i>	NM_000548.3	2136192	2136382
<i>TSC2</i>	NM_000548.3	2136731	2136874
<i>TSC2</i>	NM_000548.3	2137862	2137944
<i>TSC2</i>	NM_000548.3	2138047	2138142
<i>TSC2</i>	NM_000548.3	2138226	2138328
<i>TSC2</i>	NM_000548.3	2138445	2138613
<i>WT1</i>	NM_024426.4	32410602	32410727
<i>WT1</i>	NM_024426.4	32413516	32413612
<i>WT1</i>	NM_024426.4	32414210	32414303
<i>WT1</i>	NM_024426.4	32417801	32417955
<i>WT1</i>	NM_024426.4	32421492	32421592
<i>WT1</i>	NM_024426.4	32438034	32438088
<i>WT1</i>	NM_024426.4	32439121	32439202
<i>WT1</i>	NM_024426.4	32449500	32449606
<i>WT1</i>	NM_024426.4	32450041	32450167
<i>WT1</i>	NM_024426.4	32456244	32456396
<i>WT1</i>	NM_024426.4	32456689	32456760

*Nucleotides do not include primer regions.