

Supplementary **Table W3**. Significant regions of gain and loss identified by GISTIC analysis (q-bound 0.05, G-score ≥ 1.0)

#chr14:46,085,585-46,368,138 (282,553)

Gene Symbol	Chromosome	Start	End	Length
Fermt2	chr14	46078466	46149740	71275
4930527F14Rik	chr14	46163384	46182551	19168
Ddhd1	chr14	46212848	46277818	64971
Mir5131	chr14	46277635	46277728	94

#chrX:156,058,508-156,075,502 (16,994)

Gene Symbol	Chromosome	Start	End	Length
Sh3kbp1	chrX	156065339	156413849	348511

#chr3:25,417,412-25,454,604 (37,192)

Gene Symbol	Chromosome	Start	End	Length
Nlgn1	chr3	25330762	26230831	900070

#chr12:117,264,279-121,257,530 (3,993,251)

Gene Symbol	Chromosome	Start	End	Length
Zfp386	chr12	117285934	117299062	13129
Vipr2	chr12	117316195	117384734	68540
Wdr60	chr12	117445522	117501498	55977
Esyt2	chr12	117519694	117611571	91878
D430020J02Rik	chr12	117640419	117643634	3216
Ncapg2	chr12	117643874	117702004	58131
Ptprn2	chr12	117724192	118516640	792449
Gm10421	chr12	118382995	118389742	6748
Mir153	chr12	118489289	118489358	70
Gm5441	chr12	118472993	118575485	102493
Rapgef5	chr12	118754951	118995451	240501
Cdca7l	chr12	119082333	119117179	34847
Dnahc11	chr12	119116454	119437516	321063
Sp4	chr12	119473405	119539913	66509
D230030E09Rik	chr12	119756769	119768666	11898
Sp8	chr12	120084801	120091051	6251
Abcb5	chr12	120106296	120204894	98599
Itgb8	chr12	120401275	120476749	75475
Macc1	chr12	120681882	120705405	23524
Tmem196	chr12	121184434	121257179	72746

#chr12:108,949,967-109,027,710 (77,743)

Gene Symbol	Chromosome	Start	End	Length
4930465M20Rik	chr12	108961952	108973698	11747

#chr19:32,840,236-32,927,510 (87,274)

Gene Symbol	Chromosome	Start	End	Length
Pten	chr19	32832066	32900650	68585

#chrX:166,408,764-166,428,414 (19,650)

Gene Symbol	Chromosome	Start	End	Length
Mid1	chrX	166123178	166428729	305552
G530011O06Rik	chrX	166412974	166416849	3876