

	Anomaly	Inheritance	Proximal breakpoint (hg19)	Distal breakpoint (hg19)	Size (kb)	Genes involved
F1	dupXq	I	152857869	153609163	751	SLC6A8, L1CAM, IRAK1, MECP2
F2	dupXq	I	152560105	153609163	1049	SLC6A8, L1CAM, IRAK1, MECP2, FLNA
F4	dupXq	I	153190661	153609163	419	IRAK1, MECP2, FLNA
F5	dupXq	I	153109794	153613197	503	L1CAM, IRAK1, MECP2, FLNA
F8	dupXq	I	153093733	153609163	515	L1CAM, IRAK1, MECP2, FLNA
F9	dupXq	I	152485412	153609163	1124	SLC6A8, L1CAM, IRAK1, MECP2, FLNA
F10	dupXq	I	153171761	153636703	465	IRAK1, MECP2, FLNA
F11	dupXq	I	153140483	153609163	467	L1CAM, IRAK1, MECP2, FLNA
F12	dupXq	I	153049224	153713921	665	L1CAM, IRAK1, MECP2, FLNA, GDI1
F13	dupXq	I	153049224	153609163	560	L1CAM, IRAK1, MECP2
F14	dupXq	I	153140483	153609163	469	L1CAM, IRAK1, MECP2, FLNA
F15	delXp/dupXq	NR	152314077	153424711	1111	SLC6A8, L1CAM, IRAK1, MECP2
F17	dupXq	NR	143615716	153331873	9700	FMR1, FMR2, MTM1, SLC6A8, L1CAM, IRAK1, MECP2
F18	dupXq	DN	147577028	154426018	6850	FMR2, MTM1, SLC6A8, L1CAM, IRAK1, MECP2, FLNA, GDI1, IKBKG
F20	dupXq	I	153110141	153406916	297	L1CAM, IRAK1, MECP2
F21	3 dupXq	DN	153277039	153706598	430	IRAK1, MECP2, FLNA, GDI1
F22	dupXq	DN	152819309	153609313	790	SLC6A8, L1CAM, IRAK1, MECP2, FLNA
F23	dupXq	I	152867160	153609313	740	SLC6A8, L1CAM, IRAK1, MECP2, FLNA
F24	dupXq	I	152720261	153832865	1100	SLC6A8, L1CAM, IRAK1, MECP2, FLNA, GDI1, IKBKG
F26	dupXq	I	153083247	153404236	321	L1CAM, IRAK1, MECP2
F27	dupXq	I	152996339	153609163	613	L1CAM, IRAK1, MECP2, FLNA
F29	dupXq	I	152980505	153782555	802	L1CAM, IRAK1, MECP2, FLNA, GDI1
F31	triplication	DN	153254105	153406868	153	IRAK1, MECP2
F34	dupXq	I	153126357	153407940	277	L1CAM, IRAK1, MECP2
F36	dupXq	NR	153184030	153578225	394	IRAK1, MECP2

	Anomaly	Inheritance	Proximal breakpoint (hg19)	Distal breakpoint (hg19)	Size (kb)	Genes involved
F38	dupXq	I	153015953	153381023	365	L1CAM, IRAK1, MECP2
F39	delYp/dupXq	DN	144262474	154929420	10667	FMR1, FMR2, MTM1, SLC6A8, L1CAM, IRAK1, MECP2, FLNA, GDI1, IKBKG
F40	dupXq	I	152777232	153721089	944	SLC6A8, L1CAM, IRAK1, MECP2, FLNA, GDI1
F41	dupXq	I	145125374	154397191	9200	FMR1, FMR2, MTM1, SLC6A8, L1CAM, IRAK1, MECP2, FLNA, GDI1, IKBKG
F42	dupXq	I	152819309	153406374	587	SLC6A8, L1CAM, IRAK1, MECP2
F43	dupXq	I	151261717	153675357	2400	SLC6A8, L1CAM, IRAK1, MECP2, FLNA, GDI1
F44	dupXq	I	152953751	153603005	649	L1CAM, IRAK1, MECP2
F46	2 dupXq	I	152987755	153541430	550	L1CAM, IRAK1, MECP2
F47	dupXq	I	153058879	153558612	500	L1CAM, IRAK1, MECP2
F48	dupXq	DN	152996139	154993292	1997	L1CAM, IRAK1, MECP2, FLNA, GDI1, IKBKG
F49	dupXq	I	153158387	153505485	347	IRAK1, MECP2
F50	dupXq	I	153049024	153648246	599	L1CAM, IRAK1, MECP2, FLNA
F51	dupXq	I	153277239	153609113	332	IRAK1, MECP2, FLNA
F52	dupXq	I	153273980	153375749	102	IRAK1, MECP2
F53	dupXq	I	153277239	153505485	228	IRAK1, MECP2
F54	dupXq	I	153002433	153630819	628	L1CAM, IRAK1, MECP2, FLNA
F55	dupXq	I	152911941	153595473	684	SLC6A8, L1CAM, IRAK1, MECP2
F56	dupXq	I	153016309	153505538	489	L1CAM, IRAK1, MECP2
F57	dupXq	I	137373054	15407732	16704	FMR1, FMR2, MTM1, SLC6A8, L1CAM, IRAK1, MECP2, FLNA, GDI1, IKBKG
F58	dupXq	I	153140483	153406233	266	L1CAM, IRAK1, MECP2
F59	dupXq	I	147272887	153822717	6550	FMR2, MTM1, SLC6A8, L1CAM, IRAK1, MECP2, FLNA, GDI1, IKBKG