Internal	Type	Chr	Cytoband	Chromosome region HG19	Length	Inheritance	CNV-frequency cohort	multiple	ISCA	DGV database web	ClinGen CNV (likely) benign	Control group developmental delay	Authors classification
148-13-01	Loss	1	q24.2	chr1:168441289-168697617	256328	Inheritance - Maternal	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_1545	Loss	1	q25.2	chr1:178806664-181082264	2275600	Inheritance - Paternal	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
DE84OSOUKBD100074	Gain	1	q43	chr1:241155581-241186738	31158	Inheritance - Undetermined	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
DE83OSOUKBD100480	Gain	1	q44	chr1:246256444-246700236	443793	Inheritance - Undetermined	0.000	-	Benign	Benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1840	Loss	1	q32.3	chr1:213092201-213176992	84791	No parental DNA available	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain
DE21OSOUKBD100141	Gain	2	q21.1	chr2:131485402-132024166	538765	Inheritance - de novo	0.000	-	Uncertain	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign
SKZ_0708	Loss	2	q22.1	chr2:137827978-138371164	543186	Inheritance - Maternal	0.000	-	Uncertain- likely benign	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
DE82OSOUKBD100013	Gain	2	q14.2	chr2:121588391-121754337	165947	Inheritance - Undetermined	0.000	-	Uncertain- likely pathogenic	Uncertain- likely benign	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_2051	Loss	2	q23.1	chr2:149089645-149192958	103313	Inheritance - Paternal	0.000	-	no comparable CNVs	Benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
DE69OSOUKBD100150	Loss	2	q21.2	chr2:133927604-133963658	36055	Inheritance - Undetermined	0.000	-	no comparable CNVs	Benign	no comparable CNVs	Uncertain- likely benign	Benign
SKZ_0739	Loss	2	p22.1	chr2:39982433-40037717	55284	Inheritance - Maternal	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_1307	Gain	2	p16.1	chr2:56277274-56381718	104444	Inheritance - Paternal	0.000	-	Uncertain	Benign	Benign	Uncertain- likely benign	Benign
DE54OSOUKBD100323	Gain	2	q37.1	chr2:233181492-233325849	144358	Inheritance - Undetermined	0.000	-	Benign	Benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_0832	Gain	2	p16.1	chr2:61271844-61368778	96934	Inheritance - Paternal	0.000	-	no comparable CNVs	no comparable CNVs	Benign	Uncertain- likely benign	Benign
SKZ_1381	Gain	2	p12	chr2:77199019-77249536	50517	Inheritance - Maternal	0.000	-	no comparable CNVs	Uncertain- likely benign	Benign	no comparable CNVs	Uncertain- likely benign
SKZ_1780	Loss	2	p12	chr2:78306103-78697833	391730	Inheritance - Maternal	0.000	-	Uncertain- likely benign	Benign	Uncertain- likely benign	Uncertain- likely benign	Benign
SKZ_0887	Loss	2	q37.1	chr2:231012029-231089979	77950	Inheritance - Paternal	0.000	-	Uncertain	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_2051	Gain	2	q35	chr2:218647714-219053933	406219	Inheritance - Maternal	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain
DE61OSOUKBD100197	Gain	2	q13	chr2:111186302-113273657	2087356	Inheritance - Undetermined	0.000	-	Uncertain- likely benign	Uncertain	Benign	Uncertain- likely pathogenic	Uncertain- likely pathogenic
SKZ_0999	Gain	3	p14.1	chr3:64993928-65024494	30566	Inheritance - Maternal	0.000	1	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
DE62OSOUKBD100179	Loss	3	q22.2	chr3:134978716-135053549	74834	Inheritance - Undetermined	0.000	-	no comparable CNVs	Benign	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign
DE26OSOUKBD100342	Loss	3	p14.2	chr3:62955270-62988884	43615	Inheritance - Undetermined	0.000	-	no comparable CNVs	Benign	no comparable CNVs	Benign	Benign
SKZ_1112	Gain	3	p14.1	chr3:64992802-65051455	58653	No parental DNA available	0.000	1	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain
DE07OSOUKBD100005	Loss	3	p12.3	chr3:76848167-76951689	103523	Inheritance - Undetermined	0.000	-	Uncertain	Benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_0374	Gain	3	q13.13	chr3:108616806-109014594	397788	Inheritance - Paternal	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
DE92OSOUKBD100221	Loss	3	p12.1	chr3:85561190-85612793	51604	Inheritance - Undetermined	0.000	-	Benign	Benign	Benign	Uncertain- likely benign	Benign
SKZ_1416	Gain	3	p12.3 - p12.2	chr3:80453558-83463345	3009787	Inheritance - Maternal	0.000	-	Uncertain	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign	Benign
DE12OSOUKBD100206	Gain	3	p26.1	chr3:8520585-8552850	32266	Inheritance - de novo	0.000	-	Uncertain	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign	Uncertain
SKZ_2032	Gain	3	p12.1	chr3:86387381-86615770	228389	Inheritance - Maternal	0.000	-	Uncertain	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_0367	Gain	3	q22.1	chr3:133034333-133089757	55424	No parental DNA available	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain
DE62OSOUKBD100179	Gain	4	q32.1	chr4:156745682-157287454	541773	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign
SKZ_1523	Gain	4	p15.32	chr4:16922258-17800667	878409	No parental DNA available	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
DE53OSOUKBD100147	Loss	4	q13.2	chr4:69668636-69713319	44684	Inheritance - Undetermined	0.000	-	no comparable CNVs	Benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1002	Loss	4	p16.1	chr4:7696394-7760459	64065	Inheritance - Paternal	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_1248	Gain	4	q35.2	chr4:187540292-187849681	309389	Inheritance - Maternal	0.000	-	Uncertain	Uncertain	Uncertain- likely benign	Uncertain	Uncertain- likely pathogenic
DE05OSOUKBD100138	Loss	4	q28.1	chr4:125251081-128286629	3035549	Inheritance - Undetermined	0.000	-	Pathogenic	Pathogenic	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
DE69OSOUKBD100150	Gain	5	q35.1	chr5:171395554-171508587	113034	Inheritance - Undetermined	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
DE11OSOUKBD100224	Gain	5	q23.1	chr5:120513455-120921346	407892	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_0255	Loss	5	q31.1	chr5:131145181-131266601	121420	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_1925	Gain	5	p14.1	chr5:25017057-25426009	408952	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1248	Gain	5	p15.1	chr5:16652934-16771046	118112	Inheritance - Maternal	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1453	Gain	5	q12.1	chr5:59718323-59752640	34317	Inheritance - Maternal	0.000	-	no comparable CNVs	Benign	Uncertain- likely benign	Benign	Benign
SKZ_1800	Gain	5	p15.31 - p15.2	chr5:7198626-8305678	1107052	Inheritance - Maternal	0.000	-	Uncertain	Uncertain	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1032	Loss	5	q11.2	chr5:53784524-54985838	1201314	Inheritance - Paternal	0.000	-	Uncertain	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
DE85OSOUKBD100056	Gain	6	q16.3	chr6:101950970-102062025	111056	Inheritance - Undetermined	0.000	-	no comparable CNVs	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign
DE53OSOUKBD100050	Gain	6	q26	chr6:162201050-162260159	59110	Inheritance - Undetermined	0.000	-	no comparable CNVs	Benign	no comparable CNVs	Uncertain- likely benign	Benign
DE61OSOUKBD100294	Loss	6	p21.33	chr6:31969589-32007227	37639	Inheritance - Undetermined	0.000	-	Uncertain- likely benign	Benign	Benign	Benign	Benign
DE11OSOUKBD100127	Gain	6	p21.31	Chr6:35285720-35434273	148554	Inheritance - Maternal	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_1506	Loss	6	q23.2	chr6:134730991-135020544	289553	Inheritance - Paternal	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_1856	Loss	6	p22.3	chr6:20884837-21082258	197421	No parental DNA available	0.000	-	no comparable CNVs	Uncertain- likely pathogenic	no comparable CNVs	no comparable CNVs	Uncertain- likely pathogenic
148-16-01	Loss	7	q34	chr7:142825643-142890809	65166	Inheritance - Maternal	0.000	-	no comparable CNVs	Benign	no comparable CNVs	Benign	Uncertain- likely benign
SKZ_1174	Gain	7	q35	chr7:143342375-143913713	571338	Inheritance - Maternal	0.000	-	Benign	Benign	Benign	Uncertain- likely benign	Benign
SKZ_1662	Gain	7	q36.3	chr7:157730598-157826278	95680	Inheritance - Paternal	0.000	-	Uncertain- likely benign	Benign	Uncertain- likely benign	Uncertain- likely benign	Benign
148-17-01	Loss	7	p22	chr7:6123758-6139997	16239	Inheritance - not Maternal	0.000	-	Benign	Benign	Benign	no comparable CNVs	Uncertain- likely benign
DE20OSOUKBD100450	Loss	7	q21.13	chr7:88645832-89092714	446883	Inheritance - Undetermined	0.000	-	Uncertain	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1035	Gain	7	p21.1	chr7:17243791-17590700	346909	Inheritance - Paternal	0.000	-	Uncertain	Benign	Benign	Benign	Benign
SKZ_1035	Gain	7	p14.1	chr7:40156332-40204960	48628	Inheritance - Paternal	0.000	-	no comparable CNVs	Benign	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_2111	Loss	7	q35q36.3	chr7:143839360-159138663	15299303	Inheritance - de novo	0.000	-	Pathogenic	no comparable CNVs	no comparable CNVs	no comparable CNVs	Pathogenic
DE82OSOUKBD100013	Loss	8	p23.2	chr8:3619348-3650542	31195	Inheritance - Undetermined	0.000	2	no comparable CNVs	Uncertain- likely benign	Benign	no comparable CNVs	Benign
DE27OSOUKBD100324	Loss	8	p23.2	chr8:4323965-4359306	35342	Inheritance - Undetermined	0.000	2	Uncertain- likely benign	Uncertain- likely benign	Benign	no comparable CNVs	Benign
DE18OSOUKBD100098	Loss	8	p23.1	chr8:10447116-10504819	57704	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign
DE92OSOUKBD100221	Loss	8	q13.3	chr8:71608781-71646728	37948	Inheritance - Undetermined	0.000	-	Uncertain	Uncertain- likely benign	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_0426	Gain	8	q24.3	chr8:142438569-142482615	44046	Inheritance - Maternal	0.000	-	no comparable CNVs	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign	Benign
SKZ_1923	Gain	8	p23.3	chr8:1445011-1797072	352061	Inheritance - Paternal	0.000	-	no comparable CNVs	Benign	Benign	Uncertain- likely benign	Benign
SKZ_1810	Gain	8	p22	chr8:17592647-17859657	267010	Inheritance - de novo	0.000	-	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign
DE63OSOUKBD100161	Gain	9	q34.3	chr9:138147997-138238503	90507	Inheritance - Undetermined	0.000	4	Uncertain- likely benign	Benign	Benign	Uncertain- likely benign	Benign
DE63OSOUKBD100161	Gain	9	q34.3	chr9:138147997-138238503	90507	Inheritance - Undetermined	0.000	4	Uncertain- likely benign	Benign	Benign	Uncertain- likely benign	Benign
DE12OSOUKBD100303	Gain	9	q34.2	chr9:136850292-137153876	303585	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign
DE37OSOUKBD100144	Loss	9	p24.1	chr9:8802640-8836439	33800	Inheritance - Undetermined	0.000	3	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
DE60OSOUKBD100312	Loss	9	p23	chr9:9919638-9990269	70632	Inheritance - Undetermined	0.000	3	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1825	Loss	9	p22.3	chr9:15300542-15381614	81072	Inheritance - Maternal	0.000	-	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign	Benign
DE37OSOUKBD100047	Loss	10	p12.33	chr10:18550958-18583866	32909	Inheritance - Undetermined	0.000	5	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
DE14OSOUKBD100461	Loss	10	p12.33	chr10:18550958-18592873	41916	Inheritance - Undetermined	0.000	5	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign

Internal	Type	Chr	Cytoband	Chromosome region HG19	Length	Inheritance	CNV-frequency cohort	multiple	ISCA	DGV database web	ClinGen CNV (likely) benign	Control group developmental delay	Authors classification
DE60OSOUKBD100118	Gain	11	q22.1	chr11:101397368-101472351	74984	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_2039	Gain	11	q22.3	chr11:103971318-104028957	57639	No parental DNA available	0.000	-	Uncertain	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_2026	Loss	11	p15.4	chr11:1115899-1261163	145264	No parental DNA available	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
DE63OSOUKBD100355	Gain	11	p15.2	chr11:14865608-14906548	40941	Inheritance - Undetermined	0.000	-	Uncertain	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1441	Loss	11	p12	chr11:40567422-40660470	93048	Inheritance - Undetermined	0.000	-	Benign	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1810	Loss	11	p14.3	chr11:21836986-22032466	195480	Inheritance - de novo	0.000	-	Uncertain	Benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_0773	Loss	11	q22.1	chr11:99497530-99583304	85774	Inheritance - Undetermined	0.001	6	no comparable CNVs	Benign	Benign	Uncertain- likely benign	Benign
DE43OSOUKBD100133	Loss	11	q22.1	chr11:99519242-99568648	49407	Inheritance - Undetermined	0.001	6	no comparable CNVs	Benign	Benign	Uncertain- likely benign	Benign
DE76OSOUKBD100315	Loss	11	q22.1	chr11:99519242-99568648	49407	Inheritance - Undetermined	0.001	6	no comparable CNVs	Benign	Benign	Uncertain- likely benign	Benign
SKZ_1432	Loss	11	q22.1	chr11:99519242-99568648	49406	No parental DNA available	0.001	6	no comparable CNVs	Benign	Benign	Uncertain- likely benign	Benign
SKZ_0400	Gain	11	q13.5	chr11:76268060-76417696	149636	Inheritance - Paternal	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1415	Loss	11	q14.2 - q14.3	chr11:87099219-91921385	4822166	Inheritance - Maternal	0.000	-	Uncertain	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_1855	Gain	11	p15.4	chr11:4371631-5253127	881496	No parental DNA available	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely pathogenic
DE04OSOUKBD100156	Gain	12	q24.11	chr12:109549884-109667024	117141	Inheritance - Undetermined	0.000	-	Benign	Uncertain- likely benign	Benign	Uncertain- likely benign	Benign
DE35OSOUKBD100471	Gain	12	q24.12 - q24.13	chr12:112183225-112327166	143942	Inheritance - Undetermined	0.000	7	Benign	Uncertain- likely benign	Benign	Uncertain- likely benign	Benign
SKZ_0999	Gain	12	p13.2	chr12:10423943-10552714	128771	Inheritance - Maternal	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1845	Gain	12	q24.31	chr12:123596909-123989546	392637	No parental DNA available	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_0406	Gain	12	q24.32	chr12:127488730-127837052	348322	Inheritance - Undetermined	0.000	-	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign
SKZ_0703	Gain	12	q24.33	chr12:133199968-133337730	137762	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1506	Gain	12	p13.33	chr12:706022-1125143	419121	Inheritance - Undetermined	0.000	-	Uncertain	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1516	Gain	12	q24.12	chr12:112183225-112327166	143941	Inheritance - Maternal	0.000	7	Benign	Benign	Benign	Uncertain- likely benign	Benign
148-04-01	Gain	12	q24.12	chr12:112183921-112318246	134325	Inheritance - Maternal	0.000	7	Benign	Benign	Benign	Uncertain- likely benign	Benign
DE76OSOUKBD100315	Gain	12	q22	chr12:95530434-95627379	96946	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1301	Gain	12	p13.31	chr12:8069848-8101856	32008	Inheritance - Maternal	0.000	-	Benign	Benign	Benign	Uncertain- likely benign	Benign
SKZ_1790	Loss	12	q21.31	chr12:83765377-84013252	247875	Inheritance - Maternal	0.000	-	no comparable CNVs	Uncertain	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
DE93OSOUKBD100203	Loss	13	q12.12	chr13:23803922-23853233	49312	Inheritance - Undetermined	0.000	-	Uncertain	Benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1497	Loss	13	q12.11	chr13:19612306-19679872	67566	Inheritance - Paternal	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
DE35OSOUKBD100471	Gain	13	q14.11	chr13:43146433-43187994	41562	Inheritance - Undetermined	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
DE67OSOUKBD100477	Gain	13	q14.11	chr13:44032193-44171911	139719	Inheritance - Undetermined	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_0876	Loss	13	q12.3	chr13:29714684-29828112	113428	Inheritance - Paternal	0.000	-	no comparable CNVs	Benign	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_1840	Loss	13	q31.1	chr13:85909019-86064348	155329	No parental DNA available	0.000	-	Uncertain	Benign	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign
SKZ_1746	Loss	13	q21.31	chr13:64295459-64400173	104714	Inheritance - Paternal	0.000	-	Uncertain- likely benign	Benign	Uncertain- likely benign	Uncertain- likely benign	Benign
SKZ_1976	Gain	13	q31.3	chr13:92958981-93035128	76147	Inheritance - Maternal	0.000	8	no comparable CNVs	Benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1746	Gain	13	q31.3	chr13:92979291-93049171	69880	Inheritance - Maternal	0.000	8	no comparable CNVs	Benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1662	Loss	13	q12.11	chr13:22688792-22981935	293143	Inheritance - de novo	0.000	-	no comparable CNVs	no comparable CNVs	Benign	Uncertain- likely benign	Uncertain
DE91OSOUKBD100336	Gain	14	q11.2	chr14:21353205-21421877	68673	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
DE86OSOUKBD100232	Gain	14	q12	chr14:24947323-24986166	38844	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
DE92OSOUKBD100221	Loss	14	q21.2	chr14:44928342-45378475	450134	Inheritance - Undetermined	0.000	-	Uncertain	Uncertain	Benign	Uncertain- likely benign	Benign
DE14OSOUKBD100461	Loss	15	q21.3	chr15:57711740-57749246	37507	Inheritance - Undetermined	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
DE44OSOUKBD100309	Gain	15	q26.3	chr15:102325461-102373183	47723	Inheritance - Undetermined	0.000	9	Uncertain- likely benign	Uncertain- likely benign	Benign	Uncertain- likely benign	Benign
DE76OSOUKBD100315	Gain	15	q26.3	chr15:102332446-102368280	35835	Inheritance - Undetermined	0.000	9	Uncertain- likely benign	Uncertain- likely benign	Benign	Uncertain- likely benign	Benign
SKZ_2032	Loss	15	q11.2	chr15:22665220-23147419	482199	Inheritance - not Maternal	0.000	-	Uncertain	Benign	Benign	Uncertain- likely benign	Benign
SKZ_0845	Gain	15	q21.3	chr15:55354493-55956320	601827	Inheritance - Maternal	0.000	-	Uncertain	Uncertain	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1500	Loss	15	q24.2 - q24.3	chr15:76524284-76625437	101153	Inheritance - Maternal	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_0856	Loss	15	q13.3	chr15:32457092-32771537	314445	Inheritance - Paternal	0.000	-	Uncertain- likely pathogenic	Pathogenic	no comparable CNVs	Uncertain- likely benign	Uncertain- likely pathogenic
DE62OSOUKBD100179	Gain	16	q12.1 - q12.2	chr16:52464934-52676323	211390	Inheritance - Undetermined	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_1150	Gain	16	p13.11	chr16:15539023-16291541	752518	Inheritance - Paternal	0.000	10	Uncertain	Uncertain	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely pathogenic
SKZ_1988	Gain	16	p13.11	chr16:15034035-15998820	964785	Inheritance - Paternal	0.000	10	Uncertain	Uncertain	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely pathogenic
SKZ_1381	Gain	16	p13.2	chr16:7303708-7357294	53586	Inheritance - Paternal	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_0680	Loss	16	q23.2	chr16:81234781-81287239	52458	Inheritance - Maternal	0.000	-	Uncertain- likely benign	Benign	Uncertain- likely benign	Uncertain- likely benign	Benign
DE45OSOUKBD100291	Loss	16	q24.1	chr16:84429584-84490643	61060	Inheritance - Undetermined	0.000	11	no comparable CNVs	Benign	no comparable CNVs	Uncertain- likely benign	Benign
SKZ_1500	Loss	16	q24.1	chr16:84435058-84470476	35418	Inheritance - Maternal	0.000	11	no comparable CNVs	Benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
DE52OSOUKBD100262	Gain	16	q24.2	chr16:87738873-87812644	73772	Inheritance - Undetermined	0.000	-	Uncertain	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_2111	Gain	16	p13.11	chr16:14985615-17000304	2014689	Inheritance - de novo	0.000	10	Uncertain	Uncertain- likely pathogenic	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely pathogenic
DE08OSOUKBD100084	Loss	17	p11.2	chr17:17316541-17349835	33295	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain- likely benign	Benign	Uncertain- likely benign	Benign
SKZ_2032	Loss	17	p11.2	chr17:19417785-19579313	161528	Inheritance - not Maternal	0.000	-	Benign	Benign	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign
DE13OSOUKBD100285	Loss	17	p11.2	chr17:20051012-20592172	541161	Inheritance - Undetermined	0.000	-	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign
DE89OSOUKBD100081	Loss	17	p13.2	chr17:3505638-3559746	54109	Inheritance - Undetermined	0.000	-	Benign	Benign	no comparable CNVs	Benign	Benign

Internal	Type	Chr	Cytoband	Chromosome region HG19	Length	Inheritance	CNV-frequency cohort	multiple	ISCA	DGV database web	ClinGen CNV (likely) benign	Control group developmental delay	Authors classification
SKZ_1489	Gain	17	p13.3	chr17:735198-797669	62471	No parental DNA available	0.000	-	no comparable CNVs	Uncertain- likely benign	Benign	Uncertain- likely benign	Benign
SKZ_1003	Loss	17	q11.2	chr17:25972552-26066964	94412	Inheritance - Maternal	0.000	-	no comparable CNVs	Uncertain	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1746	Gain	18	q11.2	chr18:22883781-23015036	131255	Inheritance - Maternal	0.000	-	no comparable CNVs	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign
SKZ_0369	Loss	18	q12.2	chr18:34546490-34698627	152137	Inheritance - Paternal	0.000	-	Uncertain	Uncertain- likely benign	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_1130	Gain	19	q13.41	chr19:53647182-53693873	46691	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
DE61OSOUKBD100294	Loss	19	q13.42	chr19:55434213-55486661	52449	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
DE67OSOUKBD100477	Loss	20	p13	chr20:113651-184813	71163	Inheritance - Undetermined	0.000	-	no comparable CNVs	Benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_2032	Loss	20	p12.1	chr20:15062923-15103156	40233	Inheritance - Maternal	0.000	-	Uncertain- likely benign	Benign	Benign	Benign	Benign
SKZ_1679	Loss	20	p13	chr20:3857650-3900324	42674	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
DE92OSOUKBD100221	Loss	20	p13	chr20:4931970-4972088	40119	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign
SKZ_1977	Loss	20	q11.23	chr20:36905828-36972896	67068	Inheritance - Maternal	0.000	-	no comparable CNVs	Benign	Benign	Uncertain- likely benign	Benign
DE83OSOUKBD100480	Gain	21	q21.1	chr21:19622822-19810737	187916	Inheritance - Undetermined	0.000	-	no comparable CNVs	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign
DE02OSOUKBD100095	Gain	21	q22.12	chr21:37487858-37598197	110340	Inheritance - Undetermined	0.000	-	Benign	Uncertain- likely benign	Benign	Benign	Benign
SKZ_1307	Gain	21	q22.2	chr21:40100880-40154748	53868	Inheritance - de novo	0.000	-	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely benign
SKZ_1825	Loss	22	q13.33	chr22:50645586-50949482	303896	Inheritance - not Maternal	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain
DE84OSOUKBD100074	Gain	22	q13.2	chr22:43090481-43161021	70541	Inheritance - Undetermined	0.000	-	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
DE37OSOUKBD100144	Loss	22	q12.1	chr22:26838242-26881031	42790	Inheritance - maternal	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Uncertain- likely benign
SKZ_1780	Gain	22	q11.21	chr22:18637139-20289862	1652723	Inheritance - Maternal	0.000	-	Pathogenic	Pathogenic	Uncertain- likely benign	Uncertain- likely benign	Uncertain- likely pathogenic
DE29OSOUKBD100191	Gain	X	q13.1	chrX:71537559-71609005	71447	Inheritance - Undetermined	0.000	-	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign
SKZ_1743	Gain	X	p22.31	chrX:8075662-8148705	73043	Inheritance - Undetermined	0.000	-	Uncertain	Uncertain- likely benign	Benign	no comparable CNVs	Benign
DE86OSOUKBD100232	Gain	X	q28	chrX:154873222-155010594	137373	Inheritance - Undetermined	0.000	-	no comparable CNVs	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign
DE46OSOUKBD100176	Gain	X	p22.2	chrX:13354873-13493086	138214	Inheritance - Undetermined	0.000	-	Benign	Uncertain- likely benign	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign
SKZ_2027	Gain	X	p22.33	chrX:1427577-1592679	165102	Inheritance - Maternal	0.000	-	Uncertain- likely benign	Uncertain	Benign	no comparable CNVs	Uncertain- likely benign
SKZ_0374	Gain	X	p22.33	chrX:636950-820594	183644	Inheritance - Paternal	0.000	-	Uncertain	Uncertain	Benign	no comparable CNVs	Uncertain- likely benign
SKZ_1508	Gain	X	p22.33	chrX:417624-636092	218468	Inheritance - Maternal	0.000	12	Uncertain	Uncertain- likely benign	Benign	no comparable CNVs	Uncertain- likely benign
DE94OSOUKBD100282	Gain	X	p22.33	chrX:370599-612414	241816	Inheritance - Undetermined	0.000	12	Uncertain	Uncertain- likely benign	Benign	no comparable CNVs	Uncertain- likely benign
SKZ_0887	Gain	X	p22.33	chrX:2059627-2314248	254621	Inheritance - Maternal	0.000	-	Uncertain- likely benign	Uncertain	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign
DE27OSOUKBD100227	Gain	X	p22.31	chrX:8219053-8484026	264974	Inheritance - Undetermined	0.000	-	Uncertain	Uncertain- likely benign	Benign	no comparable CNVs	Benign
SKZ_0680	Nullizygous	X	p22.2	chrX:10299643-10638042	338399	Inheritance - Maternal	0.000	-	no comparable CNVs	no comparable CNVs	no comparable CNVs	no comparable CNVs	Pathogenic
SKZ_1855	Gain	X	q22.3	chrX:105098359-105625090	526731	No parental DNA available	0.000	-	no comparable CNVs	Uncertain- likely benign	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign
SKZ_0887	Gain	X	q26.1	chrX:129681013-130305495	624482	Inheritance - Maternal	0.000	-	no comparable CNVs	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign
SKZ_1932	Gain	X	p11.3	chrX:44073185-44716100	642915	Inheritance - Undetermined	0.000	-	Uncertain	no comparable CNVs	Uncertain- likely benign	no comparable CNVs	Uncertain- likely benign
SKZ_0374	Gain	X	p22.33	chrX:426736-1215426	788690	Inheritance - Paternal	0.000	12	Uncertain	Uncertain- likely benign	Benign	no comparable CNVs	Uncertain- likely benign