

**Table S1** Deletion detected in the trio.

chr	start	stop	sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio		
									878	891	892	878	891	892	878	891	892
1	728009	743208	Deletion	del/+	+/#	del/+	1		1	1	1	1	1	1	1	1	1
1	13186002	13223978	Deletion	del/+	+/#	del/del#	1										
1	15812459	15832247	Deletion	del/+	del/del	+/+	1		1	1	0	1	1	0	1	1	0
1	15827308	15833976	Deletion	del/+	del/del	+/+	1		1	1	0	0	1	0	1	1	0
1	16564155	16592897	Deletion	del/+	del/+	+/+	1		1	1	1	0	1	0	1	1	1
1	24798267	24863773	Deletion	del/+*	del/del	del/+*	1		1	1	0	1	1	1	1	1	1
1	25255036	25330105	Deletion	del/+	del/+	+/+	1		1	1	1	1	0	0	1	1	1
1	34635820	34646375	Deletion	del/+	+/+	del/+*	1	DGV	1	0	1	0	0	0	1	0	1
1	37445605	37479195	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	1	0	1	1
1	39531426	39566732	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
1	56365012	56377267	Deletion	del/+	+/+	del/+	1		1	0	0	1	0	0	1	0	0
1	65558490	65564584	Deletion	del/del	del/+	del/del	1	DGV	1	0	1	1	0	1	1	0	1
1	72300640	72346156	Deletion	del/del	del/del	del/del	1	DGV									
1	75360785	75384497	Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0
1	78173038	78189682	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
1	80931576	80943725	Deletion	del/del	del/del	del/del	1		1	1	1	1	0	0	1	1	1
1	84052242	84058946	Deletion	del/+	del/del	del/+*	1	DGV									
1	85928603	85951219	Deletion	+/+	del/+	+/+	1		0	0	0	0	0	0	0	0	0
1	89008976	89018424	Deletion	del/+	+/+	del/del	1		1	0	1	0	0	1	1	0	1
1	108186768	108212805	Deletion	del/+	+/+	del/del	1		1	0	1	0	0	1	1	0	1
1	108971111	109037022	Deletion	del/+*	del/del*	+/+	1		1	1	0	0	1	0	1	1	0
1	109640831	109652377	Deletion	del/+	NC	del/+	NC		1	1	1	1	1	0	1	1	1
1	109640831	109711941	Deletion	del/+	NC	del/+	NC		1	1	1	1	1	0	1	1	1
1	109687501	109714725	Deletion	del/+	NC	del/+	NC		1	1	1	0	1	0	1	1	1
1	115680250	115690301	Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0
1	120433799	120457979	Deletion	del/del	del/del	del/del	1										

chr	start	stop	sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio		
									878	891	892	878	891	892	878	891	892
1	146055371	146145645	Deletion	del/+#	del/+#	del/+#	1										
1	146129664	146145645	Deletion	del/+#	del/+	del/+#	1										
1	149055868	149067071	Deletion	del/del*	del/+*	del/+	1										
1	152570855	152621659	Deletion	del/+#	del/del#	+/+	1		1	1	0	0	1	0	1	1	0
1	152758762	152800366	Deletion	del/del	del/+	del/+	1		1	1	1	1	0	0	1	1	1
1	158887634	158909940	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
1	158964562	158997293	Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0
1	179350407	179372457	Deletion	+/+	del/+#	+/+	1		0	1	0	0	0	0	0	1	0
1	180780632	180786257	Deletion	del/+	del/+	+/+	1	DGV									
1	184842858	184856981	Deletion	del/+	del/+	del/del	1		1	0	1	1	0	1	1	0	1
1	184847145	184856981	Deletion	del/+	del/+	del/del	1		1	0	1	1	0	1	1	0	1
1	187746973	187753401	Deletion	del/del	del/del	del/+	1	DGV									
1	189735377	189814229	Deletion	del/+	+/+	del/+	1	DGV									
1	194477081	194489032	Deletion	del/del	del/+	del/+#	1		1	1	1	1	0	1	1	1	1
1	207359706	207384242	Deletion	del/+	+/+	del/del	1		1	0	1	0	0	1	1	0	1
1	207523594	207546536	Deletion	+/+	del/+	del/+	1		1	1	0	0	1	0	1	1	0
1	207535283	207565105	Deletion	del/+	del/del	del/+	1		1	1	1	0	1	1	1	1	1
1	207546536	207571864	Deletion	+/+*	del/+	del/+	1		1	1	0	0	1	1	1	1	1
1	209904710	209912632	Deletion	+/+	+/+	del/+	1	DGV									
1	217996859	218027325	Deletion	del/+	del/+	+/+	1		1	1	0	1	1	1	1	1	1
1	222197929	222204379	Deletion	del/+*	del/+	del/+	1		1	1	1	0	0	0	1	1	1
1	229676786	229685089	Deletion	del/del	del/+	del/+	1	DGV									
1	247687160	247693213	Deletion	del/del	del/del	del/del	1	DGV									
1	247867952	247896148	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
1	247885233	247898339	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
1	248517812	248539532	Deletion	del/del	del/del	del/del	1		1	0	0	1	1	1	1	1	1
1	248518195	248539532	Deletion	del/del#	del/del	del/del	1		1	0	0	1	1	1	1	1	1

chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio			
								878	891	892	878	891	892	878	891	892	
2	3674721	3701394	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	1	1	0	1
2	4159347	4177334	Deletion	del/+	+/+	del/+	1		1	0	1	1	0	0	1	0	1
2	4732796	4751638	Deletion	del/del#	del/del	del/del#	1		1	1	1	1	1	1	1	1	1
2	14564045	14569992	Deletion	del/+	del/+	+/+	1	DGV									
2	34470178	34511725	Deletion	del/del	del/del	del/+	1	DGV									
2	34559034	34586785	Deletion	del/+	+/+	del/+	1		1	0	0	1	0	1	1	0	1
2	35736575	35791144	Deletion	del/del	del/+	del/del	1		1	1	1	1	0	1	1	1	1
2	35768573	35791144	Deletion	del/del#	del/+	del/del#	1		1	1	1	1	0	1	1	1	1
2	41011226	41023153	Deletion	+/+	del/+	+/+	1	DGV									
2	41546439	41567598	Deletion	+/+	del/+	+/+	1		1	1	0	0	1	0	1	1	0
2	48553327	48558203	Deletion	del/+	NC	NC	NC		0	0	1	1	1	1	1	1	1
2	49300144	49318399	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
2	49300914	49318399	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
2	52522548	52558137	Deletion	del/del	del/del	del/+*	1	DGV									
2	56425042	56440287	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
2	59396121	59403913	Deletion	del/+	del/+	+/+	1	DGV									
2	64251691	64262298	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
2	76282643	76337471	Deletion	del/del#	del/del#	del/del#	1		1	1	1	1	1	1	1	1	1
2	78848381	78864733	Deletion	del/del	del/+	del/del	1		1	1	1	1	0	1	1	1	1
2	78848381	78865147	Deletion	del/del	del/+	del/del	1		1	1	1	1	0	1	1	1	1
2	88729257	88747641	Deletion	del/del	del/del	del/+	1		1	0	0	1	1	1	1	1	1
2	88862547	88880713	Deletion	+/#	del/+	+/+	1		1	0	0	0	0	0	1	0	0
2	89016072	89045521	Deletion	+/+	+/+	del/+	1		0	0	1	1	0	1	1	0	1
2	95885822	95910878	Deletion	+/+	+/+	del/+	1		0	1	0	0	0	0	0	1	0
2	106263101	106269459	Deletion	+/+	del/+	+/+	1	DGV									
2	107655219	107665932	Deletion	+/+	+/+	del/+	1		0	0	1	0	0	0	0	0	1
2	109065755	109086917	Deletion	del/+	+/+	del/del	1		1	0	1	0	0	1	1	0	1

chr	start	stop	sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio		
									878	891	892	878	891	892	878	891	892
2	109929060	109980901	Deletion	del/del#	del/+	del/del	1		1	1	0	1	1	1	1	1	1
2	110390593	110442442	Deletion	del/+	del/+	+/+	1		1	1	0	1	1	1	1	1	1
2	122715516	122728958	Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0
2	122727368	122745572	Deletion	del/+	del/+	+/+	1		0	0	0	0	0	0	0	0	0
2	125676257	125684668	Deletion	del/+	+/+	+/+	0		0	0	0	0	0	0	0	0	0
2	125684668	125694984	Deletion	del/+	+/+	+/+	0		1	1	1	0	0	0	1	1	1
2	126910752	126921956	Deletion	del/del	del/del	del/del	1		1	1	1	0	1	1	1	1	1
2	128880845	128889018	Deletion	del/+	del/+	del/+*	1	DGV									
2	129484671	129493838	Deletion	del/+*	del/+	+/+	1	DGV									
2	130853641	130872196	Deletion	del/del	del/+	del/+	1		1	1	0	1	0	0	1	1	0
2	134204720	134220196	Deletion	del/del	del/del	del/+	1		1	1	0	0	0	0	1	1	0
2	138165589	138174944	Deletion	+/+	+/+	del/+	1		0	0	0	0	0	0	0	0	0
2	146105051	146119294	Deletion	del/del	del/+*	del/+*	1	DGV									
2	150174624	150181732	Deletion	del/+	+/+	del/+	1	DGV									
2	151570724	151612777	Deletion	+/+	del/+	+/+	1		1	0	1	1	1	0	1	1	1
2	154958360	154986238	Deletion	del/+	del/+	+/+	1		1	1	0	1	0	0	1	1	0
2	159072908	159112035	Deletion	del/+*	del/+*	del/+*	1		1	1	1	1	0	1	1	1	1
2	160585978	160598825	Deletion	+/+	del/+	del/+	1		0	0	0	1	1	1	1	1	1
2	169248605	169254652	Deletion	del/+	del/+	del/+	1	DGV									
2	172031326	172054779	Deletion	+/+	del/+	del/+	1		1	1	1	1	1	1	1	1	1
2	172315251	172321376	Deletion	del/+	+/+	del/+	1	DGV									
2	176399231	176412123	Deletion	del/+	+/+	del/del#	1		1	0	1	0	0	1	1	0	1
2	179187833	179214423	Deletion	del/del#	del/del#	NC	NC		1	1	0	0	0	0	1	1	0
2	179197863	179214423	Deletion	del/del#	del/del#	NC	NC		1	1	0	0	0	0	1	1	0
2	179197863	179220326	Deletion	del/del#	del/del#	NC	NC		1	1	0	0	0	0	1	1	0
2	183220793	183226218	Deletion	del/+	del/+	del/+*	1	DGV									
2	190107085	190147829	Deletion	del/+	+/+	del/+*	1		0	0	0	0	1	0	0	1	0

chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio			
								878	891	892	878	891	892	878	891	892	
2	193819192	193835350	Deletion	del/del	del/del#	del/del#	1		1	1	1	1	1	1	1	1	1
2	201275689	201284836	Deletion	+/+	del/+	del/+	1		0	0	0	1	1	1	1	1	1
2	203014063	203042445	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
2	203311656	203329162	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
2	207484220	207494120	Deletion	del/+	del/+	del/+	1		1	1	1	0	0	0	1	1	1
2	207484220	207494832	Deletion	del/+	del/+	del/+	1		1	1	1	0	0	0	1	1	1
2	209072649	209099554	Deletion	del/+	+/+	del/+#	1		1	0	1	0	0	0	1	0	1
2	216222864	216235751	Deletion	del/del	del/del	del/del	1		1	0	1	1	1	1	1	1	1
2	226300708	226306453	Deletion	del/+	del/+	+/+	1	DGV									
2	231820031	231874626	Deletion	del/del*	del/+	del/+*	1		1	0	0	1	1	1	1	1	1
3	184236	194107	Deletion	del/del	del/del	del/+	1		1	1	1	1	1	0	1	1	1
3	5491979	5497833	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
3	6608662	6619431	Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0
3	11062842	11076921	Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0
3	22050855	22056303	Deletion	del/del	del/del	del/del	1	DGV									
3	32057584	32074884	Deletion	del/+	del/+	del/del	1		1	1	1	0	0	1	1	1	1
3	39716472	39725476	Deletion	+/+	+/+	del/+	1	DGV									
3	65203194	65229073	Deletion	del/+	del/+	+/+	1	DGV									
3	67429890	67452628	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
3	68585619	68591102	Deletion	del/+	del/+	+/+	1	DGV									
3	68684914	68693100	Deletion	del/+	del/del	del/+	1		1	1	1	0	1	0	1	1	1
3	68684914	68701960	Deletion	del/+	del/del	del/+	1		1	1	1	0	1	0	1	1	1
3	77763661	77769678	Deletion	del/+	del/+*	+/+	1	DGV									
3	89445937	89468084	Deletion	del/+#	del/+#	del/+#	1		0	1	0	1	0	1	1	1	1
3	95210806	95277366	Deletion	+/+*	del/+*	+/+	1		0	0	0	0	0	0	0	0	0
3	95746920	95751919	Deletion	del/+	+/+	del/del	1	DGV									
3	99172352	99187205	Deletion	del/del	del/del	del/+	1		1	1	1	1	1	1	1	1	1

chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio			
								878	891	892	878	891	892	878	891	892	
3	99223901	99230671	Deletion	del/+	del/+*	+/+	1	DGV									
3	111475237	111534413	Deletion	del/+	del/del*	+/+	1		1	1	0	0	1	0	1	1	0
3	112358660	112411443	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
3	130044352	130087902	Deletion	del/del	del/+	del/del	1	DGV									
3	131981517	131995882	Deletion	del/+	del/del	+/+	1		1	1	0	0	1	0	1	1	0
3	131988842	131995882	Deletion	del/+	del/del	+/+	1		1	1	0	0	1	0	1	1	0
3	132269401	132276260	Deletion	+/+	+/+	del/+	1	DGV									
3	136302171	136307357	Deletion	del/+*	+/+	del/+*	1	DGV									
3	146667401	146677074	Deletion	del/+*	del/+	del/+*	1	DGV									
3	148562508	148571232	Deletion	del/+	del/del	+/+	1		0	1	1	0	1	0	0	1	1
3	148563886	148571232	Deletion	del/+	del/del	+/+	1		0	1	1	0	1	0	0	1	1
3	159741236	159766013	Deletion	del/+*	+/+	del/+*	1		1	0	1	0	0	0	1	0	1
3	162757356	162892313	Deletion	del/+	del/del*	del/+	1		1	0	1	1	1	1	1	1	1
3	162807722	162835195	Deletion	del/+	+/+	del/+	1		1	0	1	1	1	1	1	1	1
3	162953892	163053464	Deletion	del/+*	del/+*	del/+*	1		1	1	1	1	1	1	1	1	1
3	163037886	163053464	Deletion	del/del#	del/del#	del/del#	1		1	1	1	1	0	1	1	1	1
3	166431251	166497368	Deletion	del/+*	+/+	del/+*	1		1	0	0	0	0	0	1	0	0
3	177574289	177586561	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
3	177663073	177683861	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
3	186862278	186870493	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
3	190534413	190617460	Deletion	+/+	+/+	del/+	1		0	0	0	0	0	1	0	0	1
3	193157540	193167616	Deletion	del/del	del/del*	del/+	1	DGV									
3	195764014	195784456	Deletion	del/+*	del/+*	+/+*	1		1	1	1	1	1	1	1	1	1
3	195782168	195789845	Deletion	del/+*	del/+*	del/+*	1		1	1	1	1	1	1	1	1	1
3	197207174	197212384	Deletion	del/+	del/+	del/+	1	DGV									
3	198116814	198123579	Deletion	del/+*	del/+	+/+	1	DGV									
4	126300	148663	Deletion	del/del	del/del	del/+	1										

chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio			
								878	891	892	878	891	892	878	891	892	
4	126300	149334	Deletion	del/del	del/del	del/+	1										
4	4121688	4151877	Deletion	del/+	+/#	del/del	1		1	0	1	1	0	1	1	0	1
4	4121688	4154386	Deletion	del/+	+/+	del/del	1		1	0	1	1	0	1	1	0	1
4	9156793	9212770	Deletion	del/+	del/+*	del/+	1		1	1	1	1	1	1	1	1	1
4	9175954	9212770	Deletion	del/+*	del/+*	+/#	1		1	0	0	1	1	1	1	1	1
4	10209636	10232943	Deletion	del/+	del/+	del/del	1	DGV									
4	10390521	10400569	Deletion	del/+	del/+	del/+*	1	DGV									
4	19070796	19109297	Deletion	+/+	del/+	del/+	1		0	1	0	1	1	1	1	1	1
4	21137226	21206721	Deletion	del/+	+/+	del/del	1		0	0	0	1	1	1	1	1	1
4	32798326	32808008	Deletion	del/del	del/del	del/del	1		0	0	0	0	0	0	0	0	0
4	34807998	34873863	Deletion	del/del#	del/+#	del/+#	1		0	0	0	1	0	0	1	0	0
4	49083235	49161472	Deletion	del/del	del/+	del/+	1		0	0	0	1	1	1	1	1	1
4	49299967	49309423	Deletion	+/+	+/+	del/+	1		0	1	0	1	1	1	1	1	1
4	59070942	59105035	Deletion	del/+	del/del	del/+	1		1	1	0	1	1	0	1	1	0
4	62803227	62810674	Deletion	+/+	del/+	+/+	1	DGV									
4	63828782	63863763	Deletion	NC	del/del#	NC	NC		0	1	0	0	1	1	0	1	1
4	63828880	63863763	Deletion	NC	del/del#	NC	1		0	1	0	0	1	1	0	1	1
4	70326926	70344040	Deletion	+/+	del/+	+/+	1		1	1	1	0	1	0	1	1	1
4	74711669	74724651	Deletion	del/del	del/del	del/+	1		1	1	1	1	1	0	1	1	1
4	74712059	74724651	Deletion	del/del	del/del	del/+	1		1	1	1	1	1	0	1	1	1
4	78347610	78360141	Deletion	del/+	del/del	del/+	1		1	1	1	1	1	1	1	1	1
4	79958832	79979249	Deletion	del/+	del/del	+/+	1		1	1	0	1	1	0	1	1	0
4	86032438	86061367	Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0
4	87339366	87378129	Deletion	del/+	del/del	+/+	1		1	1	1	0	1	0	1	1	1
4	90665189	90696345	Deletion	del/del	del/+	del/del	1		1	0	0	1	1	1	1	1	1
4	90665684	90696345	Deletion	del/+	del/+	del/del	1		1	0	0	1	1	1	1	1	1
4	92920064	92943056	Deletion	+/+	+/+	del/+	1		0	0	1	0	0	0	0	0	1

chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio		
								878	891	892	878	891	892	878	891	892
4	93642799	93647946	Deletion	+/+	+/+	del/+	1	0	0	0	0	0	1	0	0	1
4	93642799	93651369	Deletion	+/+	+/+	del/+	1	0	0	0	0	0	1	0	0	1
4	106678821	106688566	Deletion	+/+	del/+	+/+	1	1	1	0	0	0	0	1	1	0
4	107188323	107210908	Deletion	del/del	del/del	del/del	1	1	0	0	1	0	0	1	0	0
4	107301585	107373025	Deletion	del/+#	del/+#	+/+#	1	1	1	0	1	1	1	1	1	1
4	112575295	112599132	Deletion	del/del	del/+	del/del	1	1	1	1	1	0	1	1	1	1
4	114236189	114274932	Deletion	+/+	+/+	del/+	1	0	0	1	0	0	0	0	0	1
4	114961806	115020175	Deletion	del/+	del/del	+/+	1	1	1	0	0	1	0	1	1	0
4	115238681	115268206	Deletion	del/+	+/+	del/+	1	1	0	1	1	0	0	1	0	1
4	121361094	121369237	Deletion	+/+	+/+	del/+	1									
4	138547123	138560615	Deletion	del/del	del/del	del/del	1									
4	138547123	138561277	Deletion	del/del	del/del	del/del	1									
4	138547123	138561940	Deletion	del/del	del/del	del/del	1									
4	144393216	144419281	Deletion	del/+	+/+	del/del	1									
4	144776150	144794017	Deletion	del/+*	del/+	del/+*	1									
4	151863481	151875670	Deletion	+/+	+/+	del/+	1									
4	160116472	160173266	Deletion	del/+	del/+	+/+	1									
4	160143705	160173266	Deletion	del/+	del/+	+/+	1									
4	160957593	160964940	Deletion	del/+*	+/+	del/+*	1									
4	166755885	166761920	Deletion	del/+	+/+	del/+	1									
4	172066600	172114307	Deletion	del/+	+/+	del/del	1									
4	172506236	172517695	Deletion	del/del	del/del	del/del#	1									
4	172506900	172514177	Deletion	del/del	del/del	del/del*	1									
4	186163085	186178997	Deletion	del/+	del/del	del/+	1									
4	186419907	186438617	Deletion	del/+	del/del	+/+	1									
4	186956237	186979867	Deletion	del/del	del/+	del/del	1									
4	189136844	189143118	Deletion	del/+*	del/del*	del/+	1									



chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio		
								878	891	892	878	891	892	878	891	892
5	683914	775362 Deletion	+/+	+/+	del/+	1		0	0	0	1	1	1	1	1	1
5	1932495	1955109 Deletion	del/+	del/+	del/del	1		0	0	0	0	0	0	0	0	0
5	12810240	12825737 Deletion	del/+	del/del	+/+	1		1	1	0	0	1	0	1	1	0
5	13416479	13422741 Deletion	del/+	del/del	del/+	1	DGV									
5	26796589	26801787 Deletion	del/+	del/+	+/+	1	DGV									
5	46270550	46275734 Deletion	del/del*	del/+*	del/del	1	DGV									
5	58033250	58044271 Deletion	del/del	del/del	del/del	1		1	1	1	0	1	1	1	1	1
5	58033250	58046151 Deletion	del/del	del/del	del/del	1		1	1	1	0	1	1	1	1	1
5	58376065	58393231 Deletion	del/+	del/+	del/del	1		1	0	1	0	1	1	1	1	1
5	58385709	58391402 Deletion	del/+	del/+	del/del#	1		1	0	1	0	1	1	1	1	1
5	65702146	65746183 Deletion	del/+*	+/+	del/+*	1		1	0	1	0	0	0	1	0	1
5	69705229	69737913 Deletion	del/+	del/+	del/+	1		0	0	0	0	1	0	0	1	0
5	69732041	69763344 Deletion	del/+	del/+	del/+	1		0	0	0	0	1	1	0	1	1
5	84645803	84662464 Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
5	86257578	86268745 Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
5	86261910	86268745 Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
5	99490459	99508790 Deletion	del/del	del/del	del/+	1		1	1	1	1	1	0	1	1	1
5	104517644	104524841 Deletion	del/+	del/del	del/+	1	DGV									
5	105096412	105167971 Deletion	del/+*	+/+	del/+	1	DGV									
5	109259373	109265420 Deletion	+/+	del/+	+/+	1	DGV									
5	114989659	114999295 Deletion	+/+	del/+	+/+	1	DGV									
5	118051403	118058188 Deletion	del/+	+/+	del/+	1	DGV									
5	128068847	128075941 Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
5	133583273	133589299 Deletion	+/+	+/+	del/+	1	DGV									
5	135776965	135813764 Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
5	138464223	138474836 Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0
5	138464223	138482506 Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0

chr	start	stop	sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio			
									878	891	892	878	891	892	878	891	892	
5	152074118	152091698	Deletion	+/+	del/+	del/+	1		1	0	0	0	1	1	1	1	1	1
5	176907647	176969394	Deletion	del/+	del/+	del/+	1		0	0	0	1	1	1	1	1	1	1
5	178679860	178685524	Deletion	del/+	+/+	del/del	1	DGV										
6	19040764	19050061	Deletion	del/+	del/+	+/+	1	DGV										
6	24808175	24830679	Deletion	del/del	del/del	del/del	1		1	0	1	1	1	1	1	1	1	1
6	26692120	26712245	Deletion	del/+	del/+	del/+	1											
6	26723295	26778386	Deletion	del/+	del/+	del/+	1											
6	29862093	29949658	Deletion	NC	del/del*	+/+	NC		1	1	1	1	1	1	1	1	1	1
6	31982792	32023037	Deletion	+/+	del/+	+/+	1		1	1	0	1	1	1	1	1	1	1
6	33615197	33620169	Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0	0
6	33965350	33976973	Deletion	del/+	del/+	+/+	1		1	1	0	1	1	0	1	1	0	0
6	48963308	48970896	Deletion	del/+	del/+	NC	NC	DGV										
6	51863330	51894875	Deletion	del/+	+/+	del/+	1		0	0	0	1	0	1	1	0	1	1
6	54060005	54070030	Deletion	del/del	del/del	del/del	1	DGV										
6	55961159	55981914	Deletion	del/+*	NC	+/+	NC	DGV										
6	57787155	57820737	Deletion	del/+	del/+	+/+	1											
6	58097571	58102586	Deletion	del/+	del/+	+/+	1	DGV										
6	60393044	60427983	Deletion	del/+	+/+	del/del	1											
6	60634275	60662436	Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0	0
6	65686134	65704012	Deletion	del/+#	del/+#	+/+#	1		1	1	0	0	0	0	1	1	0	0
6	66277741	66334977	Deletion	del/+	+/+	del/+	1		1	1	1	1	1	1	1	1	1	1
6	66294643	66348539	Deletion	del/+	+/+	del/+	1		1	1	1	1	1	1	1	1	1	1
6	72154148	72163843	Deletion	del/+*	del/+	del/+	1	DGV										
6	73882344	73892723	Deletion	del/del	del/del	del/del	1	DGV										
6	73903479	73910976	Deletion	del/del	del/del*	del/del	1	DGV										
6	76387528	76393575	Deletion	del/+*	del/del	+/+	1	DGV										
6	76404367	76409959	Deletion	del/+	del/del	+/+	1		0	0	0	0	0	0	0	0	0	0

chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio		
								878	891	892	878	891	892	878	891	892
6	78243367	78319835	Deletion	del/+	del/+	+/+	1	1	1	0	0	0	0	1	1	0
6	84609971	84618750	Deletion	del/del	del/del	del/+	1	1	1	0	0	1	0	1	1	0
6	85998091	86003534	Deletion	del/del	del/del	del/del	1	1	1	1	1	1	0	1	1	1
6	85998091	86007304	Deletion	del/del	del/del	del/del	1	1	1	1	1	1	1	1	1	1
6	101477313	101522262	Deletion	del/+	del/+	+/+	1	1	1	1	0	0	0	1	1	1
6	103289589	103315259	Deletion	del/+	del/+	del/+*	1	DGV								
6	111900053	111911562	Deletion	+/+	del/+	del/+	1	0	1	0	0	0	0	0	1	0
6	111907098	111911562	Deletion	+/+	del/+	del/+	1	0	1	0	0	0	0	0	1	0
6	128485660	128516258	Deletion	del/+*	NC	+/+	NC	1	1	0	0	0	0	1	1	0
6	128984943	129007524	Deletion	del/+	del/+	+/+	1	0	0	0	1	1	1	1	1	1
6	128999919	129007524	Deletion	del/+	del/+	+/+	1	0	0	0	0	1	0	0	1	0
6	128999919	129011992	Deletion	del/+	del/+	+/+	1	0	0	0	0	1	0	0	1	0
6	132034356	132069337	Deletion	del/+	+/+*	del/+	1	1	0	1	0	0	0	1	0	1
6	132366573	132391892	Deletion	del/+	del/+	+/+	1	1	1	0	1	0	0	1	1	0
6	133015998	133031991	Deletion	+/+	del/+	del/+	1	1	0	0	0	1	0	1	1	0
6	133025207	133031991	Deletion	+/+	del/+	del/+	1	1	0	0	0	1	0	1	1	0
6	152702157	152721835	Deletion	del/del	del/del	del/del	1	1	1	1	1	1	1	1	1	1
6	154791460	154813336	Deletion	+/+	del/+	+/+	1	0	1	0	0	0	0	0	1	0
7	1816091	1836994	Deletion	del/+	del/+	+/+	1	1	1	0	0	0	0	1	1	0
7	1816581	1836994	Deletion	del/+	del/+	+/+	1	1	1	0	0	0	0	1	1	0
7	4579167	4588031	Deletion	del/+	del/del	+/+	1	0	0	0	0	0	0	0	0	0
7	4579167	4597088	Deletion	del/+	+/+	del/+	1	0	0	0	1	0	1	1	0	1
7	4587479	4597088	Deletion	del/+	+/+	del/del	1	0	0	0	1	0	1	1	0	1
7	5842225	5848166	Deletion	+/+	del/+	+/+	1	DGV								
7	12982476	12988925	Deletion	del/+	del/+*	+/+	1	DGV								
7	25003676	25036864	Deletion	del/+	del/del	+/+	1	0	0	0	1	1	1	1	1	1
7	26090887	26117482	Deletion	del/+	+/+	del/+	1	1	0	1	0	0	0	1	0	1

chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio			
								878	891	892	878	891	892	878	891	892	
7	31272095	31281855	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
7	32345314	32354628	Deletion	del/del	del/del	del/del	1		1	1	0	1	1	0	1	1	0
7	32345314	32360942	Deletion	del/del	del/del	del/del	1		1	1	0	1	1	0	1	1	0
7	37425220	37430174	Deletion	+/+	del/+	+/+	1										
7	38330233	38373352	Deletion	del/+#	del/+#	+/+	1		1	1	0	0	0	0	1	1	0
7	49680242	49686301	Deletion	del/del	del/del	del/del	1	DGV									
7	51524941	51531645	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
7	56584786	56590822	Deletion	+/+	del/+	del/+	1	DGV									
7	56694287	56702254	Deletion	del/+	NC	NC	NC	DGV									
7	65479956	65561218	Deletion	del/+	del/+	del/+#	1		1	1	1	1	1	1	1	1	1
7	65481931	65561218	Deletion	del/+#	del/+#	del/+#	1		1	1	1	1	1	1	1	1	1
7	70969523	70979773	Deletion	del/del	del/del	del/+	1		0	0	0	0	0	0	0	0	0
7	73056054	73112195	Deletion	del/+	del/+	del/+	1										
7	74378921	74438779	Deletion	del/del*	del/del*	del/del*	1		1	1	1	1	1	1	1	1	1
7	75270960	75309222	Deletion	del/+	del/+	del/+	1										
7	76526387	76536569	Deletion	+/+	+/+	del/+	1		0	0	1	0	0	1	0	0	1
7	91582827	91591313	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
7	91585190	91591313	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
7	93787533	93796180	Deletion	del/del	del/del	del/del	1	DGV									
7	96838169	96860256	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
7	96838782	96860728	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
7	96910658	96928840	Deletion	del/+	+/+	del/+	1		1	0	1	1	0	1	1	0	1
7	97762083	97773481	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
7	101348139	101365883	Deletion	del/+	del/+	del/+*	1		1	1	0	1	1	1	1	1	1
7	109794954	109824053	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
7	110541908	110548375	Deletion	del/+	del/+	+/+	1	DGV									
7	113100837	113126700	Deletion	+/+	+/+	del/+	1		0	0	0	0	0	0	0	0	0

chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio			
								878	891	892	878	891	892	878	891	892	
7	113770749	113791390	Deletion	del/del	del/del	del/del	1		1	0	1	1	1	0	1	1	1
7	121330045	121389440	Deletion	del/+	+/+	del/+*	1		0	0	0	0	0	0	0	0	0
7	126405832	126411393	Deletion	del/del*	del/+	del/+	1	DGV									
7	127571922	127595147	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
7	132555329	132585736	Deletion	+/+	del/+	del/+	1		0	0	0	1	0	0	1	0	0
7	142047097	142095820	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
7	142047097	142527570	Deletion	del/+	+/+	del/+	1										
7	142066836	142100862	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
7	148326780	148338369	Deletion	del/del*	del/del	del/+*	1		1	1	1	0	1	1	1	1	1
7	150033155	150048690	Deletion	del/+	del/+	+/+	1		0	0	0	1	0	1	1	0	1
7	150598752	150624358	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
7	154599973	154613034	Deletion	+/+	del/+	del/+	1		0	1	1	0	0	0	0	1	1
7	156593383	156618640	Deletion	del/+	del/+	+/+	1		1	1	0	1	1	0	1	1	0
7	156594247	156618205	Deletion	del/+	del/+	+/+	1		1	1	0	1	1	0	1	1	0
8	133246	159033	Deletion	del/del	del/del*	del/del*	1		1	0	0	1	1	1	1	1	1
8	644397	649414	Deletion	del/del	del/+	del/+	1	DGV									
8	1390126	1413734	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
8	6988109	7016368	Deletion	del/+	del/+	+/+	1		0	0	0	1	1	1	1	1	1
8	7259701	7290189	Deletion	del/+	del/del*	+/+	1		0	1	1	1	1	1	1	1	1
8	7493052	7514811	Deletion	del/del	del/del	del/del	1		0	0	0	1	1	1	1	1	1
8	8063298	8135496	Deletion	del/+*	del/+*	del/+*	1		1	1	0	1	1	1	1	1	1
8	25114917	25133477	Deletion	del/+*	del/+	del/+	1	DGV									
8	25189761	25218938	Deletion	del/+	del/+*	del/del*	1		1	1	1	0	0	1	1	1	1
8	32808632	32855019	Deletion	del/del	del/del	del/del*	1		1	1	1	1	1	1	1	1	1
8	39351594	39531914	Deletion	del/+	del/del	del/+	1		1	1	1	1	1	1	1	1	1
8	40022341	40044568	Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0
8	40916326	40922473	Deletion	del/del	del/del	del/del*	1	DGV									

chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio			
								878	891	892	878	891	892	878	891	892	
8	42330947	42349908	Deletion	del/del	del/del*	del/+*	1		1	1	1	1	1	1	1	1	
8	50118531	50125932	Deletion	+/+	del/+*	+/+	1	DGV									
8	62122387	62127833	Deletion	del/+*	+/+	del/+	1	DGV									
8	63794845	63801899	Deletion	del/+	del/+	+/+	1		1	0	0	1	0	0	1	0	0
8	72872702	72880048	Deletion	del/del	del/del	del/+	1		0	0	0	0	0	0	0	0	0
8	72872702	72890493	Deletion	del/del	del/del	del/+	1		0	0	0	1	1	1	1	1	1
8	74449320	74458914	Deletion	del/del	del/+	del/+	1		1	1	1	1	1	1	1	1	1
8	91520149	91528708	Deletion	+/+	+/+	del/+	1	DGV									
8	93060099	93065214	Deletion	del/+*	+/+	del/del	1	DGV									
8	95849365	95870168	Deletion	del/+	del/del	+/+	1		1	1	0	0	1	0	1	1	0
8	111271497	111284853	Deletion	del/del	del/+	del/+	1		1	1	1	1	0	0	1	1	1
8	113028236	113034538	Deletion	+/+	del/+	+/+	1	DGV									
8	113476274	113486791	Deletion	del/+	+/+	+/+	0		0	0	0	0	0	0	0	0	0
8	119142303	119149203	Deletion	del/+	del/+	+/+	1	DGV									
8	125584369	125592929	Deletion	del/del	del/del	del/del	1		1	0	0	0	1	1	1	1	1
8	126175255	126201835	Deletion	del/+	del/del*	+/+	1		1	1	0	0	0	0	1	1	0
8	128447566	128457481	Deletion	del/del	del/del	del/del	1		1	1	0	1	1	1	1	1	1
8	131263769	131273753	Deletion	del/+	del/+	del/del	1		1	1	1	0	0	1	1	1	1
8	134061472	134078717	Deletion	del/+	del/del	+/+	1		0	0	0	1	1	0	1	1	0
8	136138496	136152294	Deletion	del/del	del/del	del/+	1		1	1	1	0	1	0	1	1	1
8	137781988	137814546	Deletion	+/+	+/+	del/+	1		0	0	1	0	0	0	0	0	1
8	143616925	143632872	Deletion	del/+*	del/+	del/del*	1	DGV									
9	6675359	6750423	Deletion	+/+	del/+	del/+	1		0	1	1	0	1	0	0	1	1
9	15815308	15821942	Deletion	del/+*	del/+	+/+	1	DGV									
9	17903677	17930194	Deletion	del/+	del/del	+/+	1		1	1	0	1	1	0	1	1	0
9	22496046	22504893	Deletion	del/del	del/del	del/+	1	DGV									
9	23357184	23378371	Deletion	del/+	+/+	del/+#	1		1	0	1	0	0	1	1	0	1

chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio			
								878	891	892	878	891	892	878	891	892	
9	29092576	29098016	Deletion	del/+	+/+	+/+	1	DGV									
9	39163650	39198266	Deletion	+/+	+/+	del/+*	1		0	0	0	0	0	0	0	0	0
9	40288702	40332564	Deletion	del/+	del/+	del/+	1		0	0	0	1	1	1	1	1	1
9	42340492	42349392	Deletion	del/+	del/+	+/+	1		0	0	0	1	1	1	1	1	1
9	42340492	42352257	Deletion	del/+	del/+	+/+	1		0	0	0	1	1	1	1	1	1
9	66023482	66043745	Deletion	del/+	del/+	del/+	1										
9	66043745	66087598	Deletion	del/+	del/+	del/+	1										
9	66847020	66922452	Deletion	del/+	del/+	del/+	1										
9	69102762	69144850	Deletion	del/del	del/+	del/del#	1		1	1	1	1	0	1	1	1	1
9	70688910	70721291	Deletion	del/del	del/del	del/del	1		1	1	1	1	0	1	1	1	1
9	70703298	70744387	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
9	87900317	87914632	Deletion	del/+	del/del	+/+	1		0	0	0	0	0	0	0	0	0
9	87914632	87934580	Deletion	del/+	del/del	+/+	1		0	0	0	1	1	0	1	1	0
9	93730936	93752120	Deletion	del/+	del/+	del/+	1		1	1	1	0	0	0	1	1	1
9	98532315	98564389	Deletion	del/del	del/del	del/+	1		1	1	1	1	1	0	1	1	1
9	101951963	101962410	Deletion	del/+*	+/+	NC	NC	DGV									
9	107253692	107273834	Deletion	+/+	del/+	+/+	1		0	0	0	1	1	1	1	1	1
9	107770232	107778739	Deletion	del/del	del/+	del/del	1		1	0	0	1	1	1	1	1	1
9	117752136	117758158	Deletion	+/+	+/+	del/+*	1		0	0	0	0	0	0	0	0	0
9	127883260	127913069	Deletion	+/+	del/+	del/+	1		0	0	0	0	0	0	0	0	0
9	130268233	130281206	Deletion	del/+	del/+	del/+	1		1	1	1	1	1	1	1	1	1
9	138178511	138202992	Deletion	del/del*	del/del*	del/del*	1										
10	1225133	1244692	Deletion	+/+	del/+	+/+	1										
10	5245336	5251382	Deletion	del/+	+/+	del/+	1	DGV									
10	5844539	5856047	Deletion	del/+	del/+	del/del	1		1	1	1	0	0	1	1	1	1
10	6369601	6375667	Deletion	del/del	del/del	del/del	1	DGV									
10	13008064	13030785	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0

chr	start	stop	sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio		
									878	891	892	878	891	892	878	891	892
10	20544822	20569170	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
10	20563327	20574468	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
10	30957818	30962847	Deletion	del/+	del/del	+/+	1	DGV									
10	51443916	51454462	Deletion	del/+*	+/+	del/+	1	DGV									
10	53023782	53029070	Deletion	+/+	del/+	+/+	1	DGV									
10	57447179	57484761	Deletion	del/+	del/+	del/del*	1		1	1	1	0	0	1	1	1	1
10	65546737	65555536	Deletion	+/+	+/+	del/+	1	DGV									
10	69521247	69531536	Deletion	del/+	+/+	NC	NC	DGV									
10	70678509	70684772	Deletion	+/+	+/+	del/+	1		0	0	0	0	0	0	0	0	0
10	70684772	70692256	Deletion	del/+	del/+	del/+	1		1	1	1	1	1	1	1	1	1
10	76489573	76511126	Deletion	del/del	del/del	del/del	1		1	1	1	1	0	0	1	1	1
10	76489573	76511723	Deletion	del/del	del/del	del/del	1		1	1	1	1	0	0	1	1	1
10	79713147	79751547	Deletion	del/+	+/+	del/del	1		1	0	1	1	0	1	1	0	1
10	89363111	89402491	Deletion	+/+	+/+	del/+*	1		0	0	0	0	0	0	0	0	0
10	92373936	92385203	Deletion	del/del#	del/del#	del/del#	1		1	0	0	1	1	1	1	1	1
10	98920270	98959255	Deletion	del/+	del/+	del/del	1		1	1	1	0	0	1	1	1	1
10	105294984	105309452	Deletion	+/+	+/+	del/+	1		0	0	1	0	0	0	0	0	1
10	109799247	109820653	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
10	109799631	109820653	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
10	112346399	112361408	Deletion	del/+#	NC	NC	NC		1	1	1	1	0	1	1	1	1
10	115054837	115068327	Deletion	del/+*	del/+*	+/+	1		0	0	0	0	0	0	0	0	0
10	122609462	122631415	Deletion	del/+	del/+	del/+	1		1	1	0	0	1	0	1	1	0
10	130834480	130842338	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
10	131102642	131118191	Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0
10	131591640	131610858	Deletion	del/del#	NC	del/del#	NC										
11	4244663	4287561	Deletion	del/+	+/+	del/+	1		1	1	0	1	1	1	1	1	1
11	4931191	4972994	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1



chr	start	stop	sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio		
									878	891	892	878	891	892	878	891	892
11	28981446	29004044	Deletion	del/del#	del/del#	del/del#	1		1	1	1	1	1	1	1	1	1
11	31359835	31395981	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
11	47014816	47046528	Deletion	del/del	del/del	del/+	1		1	1	1	1	1	1	1	1	1
11	47040353	47060957	Deletion	del/del	del/del	del/+	1		1	1	1	1	1	0	1	1	1
11	48570185	48593942	Deletion	del/del#	del/del#	del/del#	1		1	1	1	1	1	1	1	1	1
11	54735177	54759543	Deletion	del/+#	del/del	+/+	1		1	1	0	0	1	0	1	1	0
11	54735177	54786028	Deletion	del/+	del/del	+/+	1		1	1	0	0	1	0	1	1	0
11	61182376	61223526	Deletion	del/+	del/+	+/+	1		1	1	0	1	1	1	1	1	1
11	61201717	61242352	Deletion	del/+	del/+	+/+	1		1	1	0	1	1	1	1	1	1
11	82134811	82200938	Deletion	del/+	+/+	del/+	1		1	0	1	1	1	1	1	1	1
11	89878436	89896142	Deletion	+/+	del/+	del/+	1		0	0	0	0	0	0	0	0	0
11	93134902	93138176	Deletion	del/del	del/del	del/del	1		0	0	0	1	1	1	1	1	1
11	93134902	93177680	Deletion	del/del#	del/del#	del/del#	1		0	0	0	1	1	1	1	1	1
11	93419293	93443529	Deletion	del/+	del/+	del/+	1		0	0	0	1	1	1	1	1	1
11	95434653	95446392	Deletion	del/del	del/+	del/del	1		1	0	1	1	0	1	1	0	1
11	98895523	98936936	Deletion	del/+	del/+	+/+	1	DGV									
11	101682912	101691298	Deletion	del/del	del/del	del/+	1		0	0	0	0	0	0	0	0	0
11	101695056	101704527	Deletion	del/del	del/del	del/+	1	DGV									
11	104394241	104409672	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
11	106913661	106941990	Deletion	+/+	del/+*	+/+	1		0	1	0	0	0	0	0	1	0
11	124900690	124911680	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
11	134732084	134737767	Deletion	del/+	+/+	del/+	1	DGV									
12	183048	188832	Deletion	del/+	del/+	+/+	1	DGV									
12	268330	275668	Deletion	del/+	del/+	+/+	1	DGV									
12	9478805	9587527	Deletion	del/del	del/+	del/del	1		1	1	1	1	1	1	1	1	1
12	9478805	9587940	Deletion	del/del	del/+	del/del	1		1	1	1	1	1	1	1	1	1
12	10394564	10461803	Deletion	+/+	del/+	del/+	1		0	1	1	1	1	1	1	1	1

chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio			
								878	891	892	878	891	892	878	891	892	
12	10461803	10477070	Deletion	+/+	del/+	del/+	1		0	0	0	0	0	0	0	0	0
12	10465047	10483347	Deletion	+/+	del/+	del/+	1		0	0	0	0	0	0	0	0	0
12	22415799	22431905	Deletion	del/del	del/del	del/del	1		1	1	1	1	0	0	1	1	1
12	30084112	30091459	Deletion	+/+	del/+	+/+	1	DGV									
12	30320072	30330376	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
12	33230158	33255543	Deletion	+/+	+/+	del/+	1		0	0	1	0	0	1	0	0	1
12	37586609	37629964	Deletion	del/del#	del/del#	del/+	1		1	1	1	1	1	0	1	1	1
12	37598258	37629964	Deletion	del/del#	del/del#	del/+#	1		1	1	1	1	1	0	1	1	1
12	45509370	45516156	Deletion	del/+	del/+	+/+	1	DGV									
12	58325913	58339245	Deletion	+/+	del/+	+/+	1		0	1	0	0	1	0	0	1	0
12	59542013	59559078	Deletion	+/+	del/+	+/+	1	DGV									
12	60112405	60140052	Deletion	+/+	del/+	del/+	1		0	1	1	0	0	0	0	1	1
12	66130140	66161915	Deletion	+/+	del/+	+/+	1		0	1	0	1	1	1	1	1	1
12	70190654	70223110	Deletion	del/+	del/del	del/+	1		0	0	0	1	1	0	1	1	0
12	84190376	84225380	Deletion	del/del	del/del	del/+	1		1	1	1	1	1	0	1	1	1
12	87741849	87759508	Deletion	+/+	+/+	del/+	1		0	0	0	1	0	0	1	0	0
12	90084661	90098202	Deletion	del/+	del/del	+/+	1		1	1	0	1	1	0	1	1	0
12	98546999	98581179	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
12	99399667	99408992	Deletion	del/+	+/+	del/+	1	DGV									
12	101707398	101715813	Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0
12	117184123	117208237	Deletion	+/+	+/+	del/+*	1		0	0	1	0	0	0	0	0	1
13	18734854	18812648	Deletion	+/+	del/+#	del/+	1										
13	23055560	23061474	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
13	23055560	23073364	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
13	29641686	29647707	Deletion	del/+	del/+	del/+	1	DGV									
13	31958507	31964664	Deletion	+/+	+/+	del/+*	1	DGV									
13	48951298	48975998	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0

chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio			
								878	891	892	878	891	892	878	891	892	
13	50474543	50507054	Deletion	del/del	del/+	del/del	1		1	1	1	1	0	0	1	1	1
13	50474543	50507136	Deletion	del/del	del/+	del/del	1		1	1	1	1	0	0	1	1	1
13	66597405	66615647	Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0
13	71890045	71913299	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
13	72231843	72241374	Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0
13	72262197	72277798	Deletion	del/+	del/+	del/del	1		1	1	1	1	0	1	1	1	1
13	82591799	82598070	Deletion	del/+	del/+*	+/+	1	DGV									
13	97876445	97882203	Deletion	+/+	+/+	del/+	1		0	0	1	0	0	0	0	0	1
13	98601618	98623086	Deletion	del/+	del/+	+/+	1		1	1	0	1	1	1	1	1	1
13	109903594	109946236	Deletion	+/+	del/+	del/+	1		0	0	0	0	0	0	0	0	0
13	112275337	112327618	Deletion	+/+	del/+	del/+	1										
13	113979265	113990347	Deletion	del/del	del/del	del/del	1										
14	20055673	20089143	Deletion	del/+	del/+	del/+	1		1	1	1	0	0	0	1	1	1
14	22418704	22452648	Deletion	del/+*	NC	NC	NC		0	0	0	0	0	0	0	0	0
14	22418704	22446094	Deletion	del/+	NC	NC	NC		0	0	0	0	0	0	0	0	0
14	22633805	22653250	Deletion	del/+	del/+	del/+	1		0	1	1	1	1	1	1	1	1
14	23971408	24016173	Deletion	del/+	del/+	del/+	1		1	1	1	1	0	0	1	1	1
14	23978901	24016173	Deletion	del/+	+/+	del/+	1		1	1	1	1	0	0	1	1	1
14	24000821	24016173	Deletion	del/del*	del/del	del/+	1		1	1	1	1	0	0	1	1	1
14	40140611	40148468	Deletion	del/del	del/+	del/del*	1	DGV									
14	48992365	49032991	Deletion	del/+	del/+	del/del	1										
14	54236304	54248913	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
14	56438903	56448205	Deletion	del/+	+/+	del/+	1		1	0	1	1	0	0	1	0	1
14	73523334	73569867	Deletion	del/+	del/+*	del/+	1		1	1	1	0	0	0	1	1	1
14	73773091	73780233	Deletion	del/+	del/+	+/+	1	DGV									
14	79639945	79648706	Deletion	del/+*	del/+	+/+	1	DGV									
14	82023876	82045416	Deletion	del/del*	del/del	del/del	1		1	1	1	0	0	1	1	1	1

chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio		
								878	891	892	878	891	892	878	891	892
14	100930844	100991898	Deletion	+/+	+/+	del/+	1	0	0	0	0	0	0	0	0	0
14	105096697	105117755	Deletion	del/del	del/+	del/+	1	1	0	0	1	1	1	1	1	1
14	105848740	105917899	Deletion	del/+*	del/+*	NC	NC	1	1	1	1	1	1	1	1	1
14	105866208	105917899	Deletion	del/del*	del/del*	del/del*	1	1	1	1	1	1	1	1	1	1
14	106322895	106369198	Deletion	del/del	del/+	del/del#	1									
14	106652742	106745274	Deletion	del/del	del/+	del/del	1									
15	20361185	20384863	Deletion	del/+	+/+	del/+	1	1	1	1	0	0	0	1	1	1
15	20362630	20384863	Deletion	del/+	+/+	del/+	1	1	1	1	0	0	0	1	1	1
15	23424141	23432978	Deletion	del/del	del/del	del/del	1	1	1	1	1	1	1	1	1	1
15	28524365	28701498	Deletion	+/+	del/+#	NC	NC	0	1	0	1	1	1	1	1	1
15	54898611	54930560	Deletion	del/del	del/del	del/del	1	1	0	0	1	1	1	1	1	1
15	54923312	54930560	Deletion	del/del	del/del	del/del	1	1	0	0	1	1	1	1	1	1
15	65523185	65530009	Deletion	+/+	del/+	+/+	1	0	1	0	0	0	0	0	1	0
15	71402947	71417711	Deletion	del/+	+/+	del/del	1	1	0	1	0	0	1	1	0	1
15	71413168	71428889	Deletion	del/+	+/+	del/del	1	1	0	1	0	0	1	1	0	1
15	72088819	72130171	Deletion	del/del	del/+*	del/+	1	1	1	1	1	1	1	1	1	1
15	76591304	76605151	Deletion	del/del	del/del*	del/del	1	DGV								
15	82855999	82880847	Deletion	del/+	del/+	del/+	1	0	0	0	0	0	0	0	0	0
15	82871030	82880847	Deletion	del/+	del/+	del/+	1	0	0	0	0	0	0	0	0	0
15	82880847	82903291	Deletion	del/del*	del/del	del/+	1	1	1	0	1	1	1	1	1	1
15	100554196	100565347	Deletion	del/+	del/+	del/+	1	0	0	0	0	0	0	0	0	0
15	101747832	101769186	Deletion	del/+	+/+	del/+	1	0	1	1	0	1	0	0	1	1
16	14690717	14733119	Deletion	+/+	del/+	+/+	1	0	0	0	1	1	1	1	1	1
16	16301630	16367993	Deletion	del/+*	del/del*	NC	NC	0	0	0	1	1	1	1	1	1
16	16830166	16859298	Deletion	del/+	del/+	del/del	1	0	0	0	0	0	1	0	0	1
16	19934073	19958270	Deletion	del/+	+/+	del/+	1	DGV								
16	20451873	20470502	Deletion	+/+	+/+	del/+	1	0	0	0	0	0	0	0	0	0

chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio		
								878	891	892	878	891	892	878	891	892
16	20451873	20471954	Deletion	+/+	+/+	del/+	1	0	0	0	0	0	0	0	0	0
16	25316358	25340183	Deletion	del/+	del/+	+/+	1	0	0	0	0	0	0	0	0	0
16	28676104	28710439	Deletion	del/+	+/+	del/del*	1	0	0	0	1	1	1	1	1	1
16	32464010	32595996	Deletion	+/+	+/+	del/+#	1	1	1	1	0	1	1	1	1	1
16	58578898	58616978	Deletion	+/+	+/+	del/+	1	0	0	0	0	0	0	0	0	0
16	62510429	62516764	Deletion	del/+*	del/+	+/+	1									
16	85399802	85432984	Deletion	+/+	+/+	del/+	1	DGV								
16	87240807	87255418	Deletion	NC	del/del#	del/+#	NC	1	1	1	1	1	0	1	1	1
17	5682995	5695775	Deletion	del/+	del/del	+/+	1	0	0	0	0	0	0	0	0	0
17	12432762	12457176	Deletion	del/del	del/+	del/+	1	1	1	0	1	1	1	0	1	1
17	18389459	18491238	Deletion	del/+	del/+	del/+	1	1	0	1	1	1	1	1	1	1
17	18448724	18509141	Deletion	del/+	del/+#	del/+	1	0	0	0	1	1	1	1	1	1
17	27207151	27224681	Deletion	del/+	del/del	+/+	1	1	1	0	1	1	0	1	1	0
17	28449903	28460761	Deletion	del/+	del/del	del/+	1	1	1	1	1	1	1	1	1	1
17	41241555	41282536	Deletion	del/del	del/del	del/+	1	1	1	1	1	1	0	1	1	1
17	45722427	45753553	Deletion	+/+	del/+*	del/+*	1	0	0	0	0	0	0	0	0	0
17	45775032	45807301	Deletion	NC	del/+*	del/+*	1	0	0	0	0	0	0	0	0	0
17	46274712	46512106	Deletion	del/+	del/+	+/+	1	1	1	0	1	1	1	1	1	1
17	53523111	53588399	Deletion	+/+#	+/+#	del/+*	1	0	1	0	0	0	0	0	1	0
17	53759882	53791375	Deletion	del/+	+/+	del/+	1	1	0	1	0	0	0	1	0	1
17	53759882	53792891	Deletion	del/+	+/+	del/+	1	1	0	1	0	0	0	1	0	1
17	56082816	56095596	Deletion	+/+	del/+	+/+	1									
17	81336003	81355216	Deletion	+/+	+/+	del/+	1	DGV								
18	14266389	14306411	Deletion	+/+	del/+	+/+	1	0	0	0	1	0	0	1	0	0
18	32915724	32921298	Deletion	del/+	del/+	+/+	1	0	1	0	0	0	0	0	1	0
18	40679928	40686785	Deletion	del/+	del/+	+/+	1	DGV								
18	41281978	41302265	Deletion	del/+	del/+	del/del#	1	DGV								
								1	1	1	0	0	0	1	1	1

chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio			
								878	891	892	878	891	892	878	891	892	
18	50169815	50179945	Deletion	del/del*	del/+	del/+	1		1	1	1	0	0	0	1	1	1
18	50170383	50173609	Deletion	del/del	del/+	del/+	1		1	1	1	0	0	0	1	1	1
18	54418967	54443192	Deletion	del/del	del/+	del/del	1		1	1	1	1	1	1	1	1	1
18	66056109	66065306	Deletion	del/+	+/+	del/+	1	DGV									
18	70715958	70738275	Deletion	del/+	del/del	del/+	1		1	1	1	0	1	0	1	1	1
19	8259347	8274133	Deletion	del/del	del/+*	del/+	1		1	1	1	0	0	0	1	1	1
19	8274133	8288996	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
19	8280818	8295656	Deletion	del/del	del/+#	del/+#	1		1	1	1	1	1	1	1	1	1
19	8761281	8780482	Deletion	del/+	NC	del/+*	1		1	1	1	0	0	0	1	1	1
19	12581279	12621231	Deletion	del/del*	del/del	del/del	1		1	1	1	1	1	1	1	1	1
19	14905735	14935862	Deletion	del/+	+/+	del/+	1		1	1	1	0	0	0	1	1	1
19	19723634	19728853	Deletion	+/+	del/+	del/+*	1	DGV									
19	29458300	29479248	Deletion	del/+	del/+	+/+	1		0	0	0	0	0	0	0	0	0
19	29458300	29479723	Deletion	del/+	del/+	+/+	1		0	0	0	0	0	0	0	0	0
19	29887009	29903290	Deletion	del/del	del/del	del/del	1		0	0	0	1	1	1	1	1	1
19	35169042	35175489	Deletion	del/+	NC	NC	NC	DGV									
19	37846466	37855441	Deletion	+/+	del/+	+/+	1		1	1	0	0	1	0	1	1	0
19	40101872	40147822	Deletion	del/+	del/+	+/+	1		0	0	0	1	1	0	1	1	0
19	46119477	46125055	Deletion	del/+	del/+	+/+	1	DGV									
19	50574632	50580035	Deletion	del/+	+/+	del/+	1	DGV									
19	51628937	51649902	Deletion	del/+	del/del	+/+	1		1	1	0	1	1	1	1	1	1
19	51628937	51677687	Deletion	del/+	del/del	+/+	1										
19	53182889	53189753	Deletion	del/del	del/del	del/del	1		0	0	0	1	1	1	1	1	1
19	53182889	53190308	Deletion	del/del	del/del	del/del	1		0	0	0	1	1	1	1	1	1
19	54040866	54065257	Deletion	+/+	del/+	del/+	1										
19	56958975	56969060	Deletion	+/+	+/+	del/+	1		0	0	1	0	0	0	0	0	1
19	56958975	56980682	Deletion	+/+	+/+	del/+	1		0	0	1	0	0	0	0	0	1

chr	start	stop	sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio		
									878	891	892	878	891	892	878	891	892
20	1577251	1610985	Deletion	del/+	+/+	del/del	1		1	0	1	0	0	1	1	0	1
20	1577251	1618537	Deletion	del/+	+/+	del/del	1		1	0	1	0	0	1	1	0	1
20	2816932	2826033	Deletion	del/+	del/+	+/+	1		1	1	1	1	1	1	1	1	1
20	21277768	21321823	Deletion	+/+	del/+*	del/+*	1		0	1	1	0	0	0	0	1	1
20	25784644	25846589	Deletion	del/+	del/+	+/+	1		0	0	0	1	1	1	1	1	1
20	25793143	25857438	Deletion	del/+	del/+	+/+	1		0	0	0	1	1	1	1	1	1
20	32933135	32950211	Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0
20	34218015	34235115	Deletion	del/del*	del/del*	del/del*	1		1	0	0	1	1	1	1	1	1
20	45561127	45579660	Deletion	+/+	del/+	+/+	1		0	1	0	0	0	0	0	1	0
20	54030525	54041463	Deletion	del/+	del/+	+/+	1	DGV									
20	55857199	55872408	Deletion	del/+	del/del	del/+	1		0	1	1	0	1	0	0	1	1
20	55857199	55873125	Deletion	del/+	del/del	del/+	1		0	1	1	0	1	0	0	1	1
20	55857199	55873842	Deletion	del/+	del/del	del/+	1		0	1	1	0	1	0	0	1	1
20	61941030	61948558	Deletion	del/+	del/del	del/+	1		1	1	1	1	1	1	1	1	1
21	8357265	8389456	Deletion	del/+	del/+	del/+	1										
21	19195801	19201921	Deletion	+/+	del/+	+/+	1	DGV									
21	41928122	41940607	Deletion	del/+	del/+	+/+	1		1	1	0	0	0	0	1	1	0
21	43535013	43557020	Deletion	del/+	del/+	del/+	1		1	1	1	1	0	0	1	1	1
22	16065108	16087804	Deletion	+/+	del/+	+/+	1										
22	17289255	17299102	Deletion	del/+	del/del	del/del	1	DGV									
22	17622947	17664459	Deletion	+/+	+/+	del/+	1		0	0	1	0	0	0	0	0	1
22	17660451	17675840	Deletion	+/+	+/+	del/+	1		0	0	1	0	0	0	0	0	1
22	20592040	20603836	Deletion	del/+	+/+	del/del	1		1	0	1	0	0	1	1	0	1
22	21468369	21499418	Deletion	del/del	del/del	del/del*	1		0	0	0	1	1	1	1	1	1
22	21468369	21514909	Deletion	del/del	del/del	del/del*	1		0	0	0	1	1	1	1	1	1
22	22853641	22902064	Deletion	del/+	+/+	+/+	0		1	1	0	1	0	0	1	1	0
22	23849945	23864046	Deletion	del/+	del/+	del/del	1		0	0	0	1	1	1	1	1	1

chr	start	stop sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio		
								878	891	892	878	891	892	878	891	892
22	31369248	31388431	Deletion	del/+	+/+	del/+*	1	1	0	1	0	0	0	1	0	1
22	36743886	36752828	Deletion	del/del	del/del	del/del	1	1	1	1	1	1	1	1	1	1
22	38895305	38911753	Deletion	+/+	del/+	del/+	1	0	1	1	0	0	0	0	1	1
23	1634164	1649871	Deletion	del/del	del/del	del/del	1	1	1	1	1	1	1	1	1	1
23	11694053	11738452	Deletion	del/del	del/del#	del/+	1	1	1	0	1	1	1	1	1	1
23	11929187	11943497	Deletion	+/+	+/+	del/+	1	1	1	1	0	1	1	1	1	1
23	19332741	19342678	Deletion	+/+	del/+#	+/+	1	0	0	0	0	0	0	0	0	0
23	44445450	44468303	Deletion	del/del	del/del*	del/del	1	0	1	0	0	1	0	0	1	0
23	56764920	56776327	Deletion	del/+	+/+	del/+	1	0	1	1	1	1	1	1	1	1
23	56770925	56776327	Deletion	del/+	+/+	del/+	1	0	1	1	1	1	1	1	1	1
23	67903987	67910456	Deletion	del/+	del/del*	+/+	1	DGV								
23	70510563	70519599	Deletion	+/+	+/+	del/+	1	0	0	1	0	0	0	0	0	1
23	70913143	70942444	Deletion	del/+	+/+	del/+	1	1	0	1	0	0	0	1	0	1
23	79641401	79676548	Deletion	del/del	del/del	del/del	1	1	1	1	1	1	1	1	1	1
23	81817938	81842687	Deletion	del/+#	del/del#	del/+#	1	1	0	1	1	1	1	1	1	1
23	81836512	81851844	Deletion	del/del	del/del	del/del	1	1	0	1	1	1	1	1	1	1
23	82720687	82734609	Deletion	del/del	del/del	del/+	1	1	1	1	1	1	0	1	1	1
23	86336537	86353862	Deletion	del/+	del/del	del/+	1	1	1	0	0	0	0	1	1	0
23	86349337	86353862	Deletion	del/+	del/del	del/+	1	1	1	1	0	0	0	1	1	1
23	93541297	93546505	Deletion	+/+	+/+	del/+*	1	DGV								
23	96041289	96072340	Deletion	del/del	del/del	del/del	1	1	0	1	1	1	1	1	1	1
23	103869677	103901604	Deletion	del/del	del/del	del/+	1	1	1	1	1	1	0	1	1	1
23	103901219	103906257	Deletion	del/del	del/del	del/+	1	0	0	0	0	0	0	0	0	0
23	103986456	104000981	Deletion	del/+	del/+	del/+	1	0	0	0	0	0	0	0	0	0
23	103986456	104004702	Deletion	del/+	del/+	del/+	1	0	0	0	0	0	0	0	0	0
23	104066827	104091597	Deletion	del/del*	del/del	de/del*	1									
23	109106836	109115226	Deletion	del/+	+/+	del/+	1	1	0	1	1	0	1	1	0	1



chr	start	stop	sv	NA12878	NA12891	NA12892	Men- delian	Publish- ed in DGV	cnp			spratio			cnp OR spratio		
									878	891	892	878	891	892	878	891	892
23	109106836	109115611	Deletion	del/+	+/+	del/+	1		1	0	1	1	0	1	1	0	1
23	115912522	115950771	Deletion	del/+	del/+	del/+	1		0	0	0	0	0	0	0	0	0
23	127442914	127470087	Deletion	del/+	+/+	del/+	1		1	0	1	0	0	0	1	0	1
23	135719353	135884924	Deletion	del1/del2	del1/del1	del1/del2	1										
23	135798571	135833113	Deletion	del/+	del/del	del/+	1										
23	135815845	135892493	Deletion	del/+	+/+	del/+	1										
23	141405496	141432007	Deletion	del/+	del/del#	del/+	1										
23	141425707	141432007	Deletion	del/del	del/del*	del/del	1										
23	143634330	143673900	Deletion	del/del	del/del	del/del	1										
23	144296306	144331569	Deletion	del/+	del/del	del/+	1		1	0	0	0	1	0	1	1	0
23	155544015	155585219	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
23	155569890	155585219	Deletion	del/del	del/del	del/del	1		1	1	1	1	1	1	1	1	1
24	6246224	6272486	Deletion	NC	del/+	NC	NC		0	1	0	1	1	1	1	1	1
24	6628315	6695753	Deletion	NC	del/del*	NC	NC		0	0	0	1	1	1	1	1	1