ID	KRAS_Mutation	KRAS_VAF	APC_Mutation	APC_VAF	NRAS_Mutacion	NRAS_VAF	BRAF_Mutation	BRAF_VAF	TP53_Mutation	TP53_VAF	SMAD4_Mutation	SMAD4_VAF	CTNNB1_Mutation	CTNNB1_VAF	FBXW7_Mutation	FBXW7_VAF	MLH1	CDX2	Queratin 7	Queratin 20	Ki-67	SURVELLANCE COLONoSCOPY High Risk Lesions Yes/No
		%		%		%		%		%		%		%		%						
17406	c.436G>A p.(Ala146Thr)	35.01	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
20400	c.38G>A p.(Gly13Asp)	4.35	No data	No data	Wild type	0	Wild type	0	c.722C>G p.(Ser241Cys)	2.04	Wild type	0	Wild type	0	No data	No data	Normal expression	Loss of any nuclear expresion	Citoplasmatic expression	Normal expression	Nuclear expression	Yes
24880	c.35G>T p.(Gly12Val)	9.23	c.1999C>T p.(Gln667Ter)	37.9	Wild type	0	Wild type	0	c.919+1G>A	2.21	c.1081C>T p.(Arg361Cys)	19.14	Wild type	0	c.832C>T p.(Arg278Ter)	3.98	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
28402	c.35G>A p.(Gly12Asp)	28.48	c.4188del p.(Phe1396Leufs*Ter19)	33.02	Wild type	0	Wild type	0	c.711G>A p.(Met237Ile)	49.77	Wild type	0	Wild type	0	No data	0	No data	No data	No data	No data	Nuclear expression	No
28535	Wild type	0	c.3845C>A p.(Ser1282Ter)	49.88	Wild type	0	c.1929A>G p.(Gly643=)	13.69	c.1093C>T p.(His1233Tyr)	2.58	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
28845	Wild type	0	c.3845C>A p.(Ser1282Ter)	22.06	Wild type	0	Wild type	0	c.586C>T p.Arg196Ter	3.88	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
30719	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Citoplasmatic expression	No data	No
31899	No data	No data	c.4666dup p.(Thr1556Asnfs*Ter3)	34.54	Wild type	0	No data	No data	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Citoplasmatic expression	Normal expression	Nuclear expression	No
35273	Wild type	0	c.4009C>T p.(Gln1367Ter)	60.1	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
39491	Wild type	0	c.4182_4183del p.(Asp1394Glufs*Ter3)	38.19	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
51346	Wild type	0	c.4391_4394delAGAG p.(Glu1464Valfs*Ter8)	39.9	Wild type	0	Wild type	0	c.1093C>T p.(His1233Tyr)	5.74	Wild type	0	Wild type	0	c.985G>A p.(Gly329Arg)	3.61	Normal expression	Loss of any nuclear expresion	No data	Normal expression	No data	No
52570	Wild type	0	c.4666dupA p.(Thr1556Asnfs*Ter3)	34.73	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.121A>G p.(Thr41Ala)	32.17	Wild type	0	Normal expression	Normal expression	Citoplasmatic expression	Normal expression	Nuclear expression	No
54498	c.35G>T p.(Gly12Val)	1.86	c.859G>T p.(Glu287Ter)	37.6	Wild type	0	Wild type	0	c.1024C>T p.(Arg342Ter)	25.76	Wild type	0	Wild type	0	c.1697G>T p.(Trp566Leu)	7.57	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
56196	c.535G>A p.(Gly179Ser)	45.67	c.4009C>T p.(Gln1367Ter)	11	Wild type	0	Wild type	0	No data	No data	Wild type	0	No data	No data	No data	No data	No data	No data	No data	No data	No data	No
57917	Wild type	0	c.3845C>A p.(Ser1282Ter)	67.82	Wild type	0	Wild type	0	c.1024C>T p.(Arg342Ter)	51.57	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
66935	Wild type	0	c.3880C>T p.(Gln1294Ter)	36.21	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
67027	Wild type	0	c.2626C>T p.(Arg876Ter)	24.5	Wild type	0	c.1799T>A p.(Val600Glu)	24.37	c.595G>A p.(Glu199Arg)	5.46	Wild type	0	c.1286G>A p.(Gys429Tyr)	5.61	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
73795	Wild type	0	c.4666dupA p.(Thr1556Asnfs*Ter3)	45.91	Wild type	0	Wild type	0	c.343C>T p.His115Tyr	4.85	Wild type	0	Wild type	0	c.1436G>A p.(Arg479Gln)	17.86	No data	No data	No data	No data	No data	No
74379	c.38G>A p.(Gly13Asp)	9.42	c.4161>A p.(Cys1387Ter)	54.15	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1394G>A p.(Arg465His)	24.04	No data	No data	No data	No data	Nuclear expression	No
75455	No data	No data	c.2821G>T p.(Glu941Ter)	33.93	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
83962	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.2Wild type65C>T p.(Arg689Trp)	2.48	No data	No data	No data	No data	Nuclear expression	No
86977	Wild type	0	c.3169G>T p.(Glu1057Ter)	26.53	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	Yes
90161	c.35G>C p.(Gly12Ala)	6.23	c.2097G>A p.(Trp699Ter)	6.42	Wild type	0	Wild type	0	Wild type	0	c.1020G>A p.(Lys340=)	3.57	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
90600	Wild type	0	c.2626C>T p.(Arg876Ter)	39.92	Wild type	0	c.1091C>T p.(Ser364Leu)	23.31	c.524G>A p.(Arg175His)	45.81	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Nuclear expression	No
97680	Wild type	0	c.3645delT p.(Ser1215Argfs*Ter50)	24.59	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
97816	Wild type	0	c.3935delG p.(Gly1312Glufs*Ter9)	63.32	Wild type	0	Wild type	1.65	c.666G>A p.(Pro222Pro)	2.11	c.1595C>T p.(Ala532Val)	3.32	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	Yes
101871	c.38G>A p.(Gly13Asp)	3.62	c.3991A>T p.(Arg1331Ter)	23.1	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1436>T p.(Arg479Leu)	26.82	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
103061	Wild type	0	c.3927_3931delAAAGA p.(Glu1309Asjfs*Ter4)	69.55	c.181C>A p.(Gln61Lys)	6.98	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
103309	No data	No data	c.3900_3909delTACCCTGCAA p.(Asn1300Lysfs*Ter2)	33.76	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
103428	Wild type	0	c.2635C>T p.(Gln879Ter)	18.56	Wild type	0	Wild type	0	No data	No data	Wild type	0	c.984G>A p.(Met328Ile)	2.17	Wild type	0	Normal expression	Loss of any nuclear expresion	No data	Normal expression	No data	Yes
106712	Wild type	0	c.4009C>T p.(Gln1367Ter)	10.5	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
108420	Wild type	0	c.694C>T p.(Arg232Ter)	28.54	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
108751	c.35G>T p.(Gly12Val)	43.56	c.4189delG p.(Glu1397Argfs*Ter18)	32.46	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Citoplasmatic expression	Normal expression	No data	Yes
112335	No data	No data	c.3340C>T p.(Arg1114Ter)	20.89	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
113206	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Citoplasmatic expression	Normal expression	No data	No
115577	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Loss Citoplasmatic expression	No data	No
115654	Wild type	0	c.4009C>T p.(Gln1367Ter)	74.96	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
118886	c.35G>T p.(Gly12Val)	1.91	c.4462_4463delTT p.(Leu1488Ilefs*Ter25)	59.13	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1393>T p.(Arg465Cys)	2.84	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
120324	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	Yes
120631	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
121440	Wild type	0	c.3927_3931delAAAGA p.(Glu1309Asjfs*Ter4)	10.76	Wild type	0	Wild type	0	Wild type	0	p.Trp91Ter	4.55	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No
121527	Wild type	0	c.4057G>T p.(Glu1353Ter)	33.7	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
121875	c.436G>A p.(Ala146Thr)	11.85	c.7829G>A p.(Gly2610Glu)	12.58	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Citoplasmatic expression	Nuclear expression	No
127898	c.436G>A p.(Ala146Thr)	8.56	c.637C>T p.(Arg213Ter)	38.69	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	c.1393>T p.(Arg465Cys)	3.02	No data	No data	No data	No data	Nuclear expression	Yes
130088	No data	No data	Wild type	0	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
131262	c.35G>T p.(Gly12Val)	6.24	c.4012C>T p.(Gln1338Ter)	60	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Citoplasmatic expression	Nuclear expression	No
134348	Wild type	0	c.1897G>T p.(Glu633Ter)	38.25	Wild type	0	Wild type	0	c.535C>A p.(His179Asn)	7.38	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	No data	No data	Nuclear expression	No
141427	Wild type	0	c.3928A>T p.(Lys1310Ter)	33.77	Wild type	0	Wild type	0	Wild type	0	c.931C>T p.(Gln311Ter)	9.46	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	Yes
146168	Wild type	0	c.3928A>T p.(Lys1310Ter)	19.57	Wild type	0	Wild type	0	c.316>A p.(Glu11Lys)	2.36	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
149559	Wild type	0	c.4118_4125delCTGAACAC p.(Pro1373Leufs*Ter10)	54.79	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
150660	c.35G>A p.(Gly12Asp)	12.14	c.4473delT p.(Phe1491Leufs*Ter16)	36.57	Wild type	0	Wild type	0	c.743G>A p.(Arg248Gln)	7.27	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
150795	c.38G>A p.(Gly13Asp)	40.38	c.847C>T p.(Arg283Ter)	19.82	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	Yes
152448	c.35G>A p.(Gly12Asp)	6.37	c.4271del p.(Pro1424Glnfs*Ter49)	29.31	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Citoplasmatic expression	Nuclear expression	Yes
152477	c.35G>T p.(Gly12Val)	15.49	c.1486dupA p.(Thr496Asnfs*Ter41)	35.44	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
156864	Wild type	0	c.4012C>T p.(Gln1338Ter)	73.14	Wild type	0	Wild type	0	c.535C>A p.(His179Asn)	3	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
156990	Wild type	0	c.4222G>T p.(Glu1408Ter)	28.9	Wild type	0	Wild type	0	Wild type	0	c.1592G>A p.(Arg531Gln)	4.27	Wild type	0	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Citoplasmatic expression	No data	Yes
160049	Wild type	0	c.3956delC p.(Pro1319Leufs*Ter2)	31.99	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Citoplasmatic expression	Nuclear expression	No
161287	No data	No data	No data	No data	Wild type	0	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Citoplasmatic expression	No data	Yes
163694	c.35G>A p.(Gly12Asp)	5.12	Wild type	0	No data	No data	Wild type	0	c.515T>G p.(Val172Ile)	3.03	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
166325	Wild type	0	c.4348C>T p.(Arg1450Ter)	15.45	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.829C>T p.(Gln277Ter)	35.16	Normal expression	Normal expression	Citoplasmatic expression	Normal expression	No data	No
170035	Wild type	0	c.4348C>T p.(Arg1450Ter)	23.99	c.37G>C p.(Gly13Arg)	8.02	No data	No data	c.535C>T p.(His179Tyr)	5.3	Wild type	0	c.1745G>A p.(Arg582Gln)	12.47	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Citoplasmatic expression	Nuclear expression	No
170054	c.37G>T p.(Gly13Cys)	3.44	c.3946>T p.(Glu1322Ter)	31.81	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Citoplasmatic expression	Nuclear expression	No
170300	c.35G>T p.(Gly12Val)	29.12	c.4189G>T p.(Glu1397Ter)	30.01	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	No data	Nuclear expression	Yes
171370	c.35G>T p.(Gly12Val)	18.76	c.2544dupA p.(Asp849Argfs*Ter2)	35.7	c.181C>A p.(Gln61Lys)	8.01	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
181298	c.35G>A p.(Gly12Asp)	28.57	c.4348C>T p.(Arg1450Ter)	18.72	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
186767	Wild type	0	c.614delG p.(Gly205Valfs*Ter14)	64.2	c.181C>A p.(Gln61Lys)	7.83	Wild type	0	c.535C>A p.(His179Asn)	3	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
186971	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	Yes
190579	c.35G>T p.(Gly12Val)	40.02	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	Yes
193479	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
194954	c.35G>T p.(Gly12Val)	3.1	c.1660C>T p.(Arg554Ter)	29.915	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
202667	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
205696	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
206540	Wild type	0	c.4180_4181delGA p.(Asp1394Ter)	38.39	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	No data	No data	No
208226	dup, p.(Ala11	47.68	123_4136del CACTATGTTCAGGA p.(His1375Asfs*Ter6)	63.46	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Citoplasmatic expression	Nuclear expression	No
209055	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Loss Citoplasmatic expression	No data	No
210339	Wild type	0	c.4135G>T p.(Glu1379Ter)	61.47	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
210567	Wild type	0	c.3883G>T p.(Glu1295Ter)	39.42	c.35G>C, p.(Gly12Ala)	3.42	Wild type	0	c.1024C>T p.(Arg342Ter)	13.3	c.1109T>A p.(Val370Asp)	9.16	Wild type	0	c.1154C>T p.(Thr385Ile)	3.02	No data	No data	No data	No data	Nuclear expression	No
211475	Wild type	0	c.3991A>T p.(Arg1331Ter)	48.03	Wild type	0	Wild type	0	No data	No data	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
212316	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
213212	Wild type	0	c.4418delA p.(Asn1473Metfs*Ter34)	83.61	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Citoplasmatic expression	Nuclear expression	Yes
213529	Wild type	0	c.4062_4063dup p.(Ser1355Phefs*Ter61)	27.89	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
217253	Wild type	0	c.3289G>T p.(Glu1097Ter)	34.46	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
219720	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.134C>T p.(Ser45Phe)	12.99	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	Yes
223281	c.35G>T p.(Gly12Val)	14.25	c.834G>A p.(Trp278Ter)	65.5	c.35G>A p.(Gly12Asp)	28.9	Wild type	0	c.97-1G>A	6.56	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Citoplasmatic expression	Nuclear expression	Yes
223313	c.35G>T p.(Gly12Val)	9.44	c.646C>T p.(Arg216Ter)	22.78	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Loss nuclear expresion ≥50%	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
224386	c.35G>T p.(Gly12Val)	7.77	c.5119_5120ins p.(Ser1707Ter)	7.41	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1394G>A p.(Arg465His)	5.66	Normal expression	Normal expression	Citoplasmatic expression	Normal expression	Nuclear expression	No
229007	Wild type	0	c.2626C>T p.(Arg876Ter)	33.72	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	No data	Normal expression	No data	No
229892	Wild type	0	c.4312delA p.(Thr1438Hisfs*Ter35)	35.86	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1972C>T p.(Arg658Ter)	10.82	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
233390	Wild type	0	c.4666dupA p.(Thr1556Asnfs*Ter3)	12.64	Wild type	0	Wild type	0	c.309C>T p.Tyr103Tyr	4.31	Wild type	0	c.770C>T p.(Thr257Ile)	20.62	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Citoplasmatic expression	No data	No
234709	c.38G>A p.(Gly13Asp)	44.75	c.3904delC p.(Leu1302Cysfs*Ter3)	48.01	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No
235384	c.35G>A p.(Gly12Asp)	1.72	c.4175C>A p.(Ser1392Ter)	38.2	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.451C>T p.(Arg151Cys)	2.8	c.2020C>T p.(Arg674Trp)	20.93	Normal expression	Normal expression	Normal expression	No data	Nuclear expression	No
235805	No data	No data	c.4233delT p.(Ser1411Argfs*Ter4)	40.88	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
239238	c.35G>A p.(Gly12Asp)	13.49	c.2544dupA p.(Asp849Argfs*Ter2)	27.96	c.181C>A p.(Gln61Lys)	4.82	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Citoplasmatic expression	Nuclear expression	No
243333	c.38G>A p.(Gly13Asp)	37.49	c.4285C>T p.(Gln1429Ter)	33.61	Wild type	0	Wild type	0	c.269C>T p.(Ser90Phe)	8.2	Wild type	0	Wild type	0	c.1394G>A p.(Arg465His)	2.09	No data	No data	No data	No data	Nuclear expression	No
244765	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No
245511	Wild type	0	c.4175C>A p.(Ser1392Ter)	53.31	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1393>T p.(Arg465Cys)	5.52	No data	No data	No data	No data	Nuclear expression	No
247247	c.38G>A p.(Gly13Asp)	5.7	c.4196delG p.(Arg1399Leufs*Ter16)	64.31	c.175G>A p.(Ala59Thr)	1.62	Wild type	1.68	c.737T>C p.(Met246Thr)	11.43	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Yes
248979	Wild type	0	c.3340C>T p.(Arg1114Ter)	29.36	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
255365	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Nuclear expression	No
257975	Wild type	0	c.4348C>T p.(Arg1450Ter)	32.19	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	Yes
258515	Wild type	0	c.646-1G>A	12.81	Wild type	0	c.1799T>A p.(Val600Glu)	2.23	c.889C>T p.(His297Tyr)	4	Wild type	0	c.1745G>A p.(Arg582Gln)	2.64	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Citoplasmatic expression	No data	No
259677	c.34G>T p.(Gly12Cys)	6.04	c.4660G>T p.(Glu1554Ter)	41.56	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1513>T p.(Arg505Cys)	5.97	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
261568	Wild type	0	c.4216C>T p.(Gln1406Ter)	12.65	c.43G>A p.(Gly15Arg)	2	Wild type	2.99	c.488A>G p.Tyr163Cys	3.1	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No
266815	Wild type	0	c.4348C>T p.(Arg1450Ter)	22.77	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No
267183	c.38G>A p.(Gly13Asp)	10.1	c.1251delT p.(Cys417Trpfs*Ter37)	30.32	Wild type	0	c.1799T>A p.(Val600Glu)	24.36	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
271137	c.35G>T p.(Gly12Val)	10.41	c.4147dupA p.(Met1383Asnfs*Ter3)	30.23	Wild type	0	Wild type	0	c.742C>T p.(Arg248Trp)	3.89	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No
271261	Wild type	0	c.4726G>T p.(Glu1576Ter)	19.97	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Citoplasmatic expression	No data	No
275107	Wild type	0	Wild type	0	No data	No data	Wild type	0	No data	No data	Wild type	0	No data	No data	No data	No data	No data	No data	No data	No data	No data	No
276846	Wild type	0	c.2805C>G p.(Tyr935Ter)	27.33	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No

280940	No data	No data	c.3944C>G p.(Ser1315Ter)	4.82	Wild type	0	No data	No data	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
287741	Wild type	0	c.5071C>T p.(Pro1691Ser)	8.51	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
289184	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No
290715	c.35G>C, p.(Gly12Ala)	2.46	c.4120G>T p.(Glu1374Ter)	79.28	Wild type	0	Wild type	0	Wild type	0	c.1546C>T p.(Gln516Ter)	3	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No
290870	c.38G>A p.(Gly13Asp)	22.87	c.4099C>T p.(Gln1367Ter)	22.39	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
293650	Wild type	0	c.4199C>A p.(Ser1400Ter)	31.93	Wild type	0	c.1799T>A p.(Val600Glu)	7.85	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
293942	Wild type	0	c.4031C>G p.(Ser1344Ter)	13.44	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
295703	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Loss nuclear expresion ≥50%	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
297878	Wild type	0	c.4280delC p.(Pro1427LeufsTer46)	36.7	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
300176	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Nuclear expression	No
300533	dup p.(Gly12 Gly13dup)	16.47	c.4192_4193delAG p.(Arg1399PhefsTer9)	41.79	Wild type	0	Wild type	0	c.509C>T p.(Thr170Met)	23.39	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Nuclear expression	No
301148	Wild type	0	c.4290delC p.(Met1431CysfsTer42)	51.11	Wild type	0	Wild type	0	c.997C>T p.(Arg333Cys)	3.53	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
301764	Wild type	0	c.2356delC p.(Arg786ValfsTer34)	50.86	c.553C>T p.(Pro185Ser)	50.94	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
302866	Wild type	0	c.756dupC p.(Gly253Argfs Ter4)	25.83	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
306294	Wild type	0	c.4214_4218del p.(Val1405GlufsTer2)	45.58	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
306873	Wild type	0	c.1327G>T p.(Glu443Ter)	10.94	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
307116	Wild type	0	c.4348C>T p.(Arg1450Ter)	38.95	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
313327	c.38G>A p.(Gly13Asp)	1.86	c.4666dupA p.(Thr1556AsnfsTer3)	15.52	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
314909	c.437C>T p.(Ala146Val)	4.42	c.1528_1532dupTTTGG p.(Asp512LeufsTer4)	25.37	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1745C>T p.(Ser582Leu)	3.84	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
318204	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No
318864	c.38G>A p.(Gly13Asp)	3.88	c.3871C>T p.(Gln1291Ter)	66.4	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
323045	Wild type	0	No data	No data	Wild type	0	Wild type	0	No data	No data	Wild type	0	No data	No data	No data	No data	Normal expression	Normal expression	Ctoplasmatic expression	Normal expression	Nuclear expression	No
324262	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
326787	c.38G>A p.(Gly13Asp)	12.11	c.2626C>T p.(Arg876Ter)	30.31	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	Yes
330419	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1081C>T p.(Arg361Cys)	76.65	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
330532	c.436G>A p.(Ala146Thr)	51.63	c.4469dupA p.(His1490GlnfsTer24)	34.45	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
331713	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
338904	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
342228	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.856G>C p.(Glu286Gln)	5.47	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
346441	c.34G>A p.(Gly12Ser)	2.7	c.3904delC p.(Leu1302CysfsTer8)	42.86	Wild type	0	Wild type	0	No data	No data	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	Yes
346887	Wild type	0	c.4348C>T p.(Arg1450Ter)	7.46	Wild type	0	c.1799T>A p.(Val600Glu)	3.13	Wild type	0	Wild type	0	c.1127G>A p.(Arg376His)	5.1	Wild type	0	Loss nuclear expresion ≥50%	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
349962	c.183A>C p.(Gln61His)	11.31	c.4099C>T p.(Gln1367Ter)	40.94	Wild type	0	Wild type	0	c.380C>T p.(Ser127Phe)	7.08	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
352182	Wild type	0	c.1452_1453delAA p.(Glu484Asfs Ter6)	25.55	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	No data	Nuclear expression	No
356844	c.35G>T p.(Gly12Val)	5.37	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
358174	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
358890	c.35G>A p.(Gly12Asp)	27.94	c.694C>T p.(Arg232Ter)	33.13	Wild type	0	Wild type	0	Wild type	0	c.818G>A p.(Arg273His)	42.63	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
361351	Wild type	0	c.4217dupA p.(Ser1407LufsTer2)	17.78	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	No data	No data	No
370512	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
373794	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
373825	c.35G>C p.(Gly12Ala)	5.33	c.4459dupA p.(Thr1487AsnfsTer27)	36.67	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
374806	Wild type	0	c.4192_4193delAG p.(Arg1399PhefsTer9)	16.66	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
374894	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
376443	Wild type	0	No data	No data	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Normal expression	No data	No
376488	Wild type	0	c.4469delA p.(His1490LeufsTer17)	26.02	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	c.2065C>T p.(Arg689Trp)	3.89	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
381094	c.35G>A p.(Gly12Asp)	40.32	c.1600A>T p.(Lys534Ter)	63.53	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
382992	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
383211	Wild type	0	Wild type	0	c.35G>A p.(Gly12Asp)	2.77	Wild type	0	c.427G>A p.(Val143Ile)	5.34	c.1648C>T p.(Pro550Ser)	2.64	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
386984	c.35G>A p.(Gly12Asp)	17.46	c.4415delT p.(Val1472GlufsTer35)	47.23	Wild type	0	Wild type	0	c.733G>A p.(Gly245Ser)	5.17	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
387892	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
397413	c.35G>C p.(Gly12Ala)	29.1	c.3880C>T p.(Gln1294Ter)	71.81	Wild type	0	Wild type	0	Wild type	0	c.219C>T p.(Thr73=)	2.85	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
397604	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
397657	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
400318	c.35G>T p.(Gly12Val)	2.87	c.694C>T p.(Arg232Ter)	14.8	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
403122	Wild type	0	c.2413C>T p.(Arg805Ter)	38.22	Wild type	0	Wild type	0	c.535C>T p.(His178Tyr)	2.48	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
405356	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Wild type	0	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
406308	Wild type	0	c.2530delT p.(Ser844LeufsTer17)	40.29	Wild type	0	Wild type	0	Wild type	0	c.388C>T p.(Pro130Ser)	10.69	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
408611	c.34G>A p.(Gly12Ser)	39.76	c.3862G>T p.(Glu1288Ter)	36.59	Wild type	0	Wild type	0	c.586C>T p.(Arg196Ter)	5.15	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
412881	c.35G>T p.(Gly12Val)	23.93	c.3912dupA p.(Ala1305SerfsTer10)	74.78	Wild type	0	Wild type	0	c.524G>A p.(Arg175His)	8.98	Wild type	0	Wild type	0	c.1436G>A p.(Arg479Gln)	0.41	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
419094	c.35G>T p.(Gly12Val)	19.67	c.2677G>T p.(Glu893Ter)	30.22	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	No data	No data	Nuclear expression	No
419270	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	Yes
419817	c.35G>A p.(Gly12Asp)	37.01	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	Yes
424042	c.35G>T p.(Gly12Val)	5.45	c.2684C>G p.(Ser895Ter)	30.42	Wild type	0	Wild type	1.53	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	Yes
428509	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
430093	Wild type	0	c.694C>T p.(Arg232Ter)	38.54	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
437934	Wild type	0	c.694C>T p.(Arg232Ter)	31.82	Wild type	0	Wild type	0	c.743G>A p.(Arg248Gln)	7.02	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
438794	c.35G>A p.(Gly12Asp)	14.52	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1543C>T p.(Arg515Ter)	2.33	c.1394G>A p.(Arg465His)	36.74	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
439581	c.37G>T p.(Gly13Cys)	3.23	c.2626C>T p.(Arg876Ter)	37.89	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
442893	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.817C>T p.(Arg273Cys)	5.31	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Loss nuclear expresion ≥50%	Loss of any nuclear expresion	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
447467	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
449199	c.351A>T p.(Lys117Asn)	7.01	c.4222G>T p.(Glu1408Ter)	39.07	Wild type	0	c.1799T>A p.(Val600Glu)	2.19	Wild type	0	c.888C>A p.(Pro296=)	13.64	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
453652	Wild type	0	No data	No data	No data	No data	No data	No data	Wild type	0	Wild type	0	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
454054	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Ctoplasmatic expression	Normal expression	No data	No
460907	c.436G>A p.(Ala146Thr)	3.32	No data	No data	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
462690	Wild type	0	c.4012C>T p.(Gln1338Ter)	29.2	Wild type	0	c.1843G>A p.(Gly615Arg)	4.77	c.993+1G>A	32.44	Wild type	0	Wild type	0	c.2020C>T p.(Arg674Trp)	7.41	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
468114	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Ctoplasmatic expression	Normal expression	No data	No
468658	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
468859	c.35G>A p.(Gly12Asp)	24.84	c.5119_5120insAGAT p.(Ser1707Ter)	10.97	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1393C>T p.(Arg465Cys)	5.32	No data	No data	Ctoplasmatic expression	Normal expression	Nuclear expression	No
473081	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
475363	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
479738	Wild type	0	c.4057G>T p.(Glu1353Ter)	28.44	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
481376	Wild type	0	c.4141C>T p.(Pro1381Ser)	30	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
481930	c.34G>A p.(Gly12Ser)	12.48	c.3709_3710delCA p.(Ile1237GlufsTer2)	41.21	Wild type	0	Wild type	0	c.488A>G, (p.Tyr163Cys)	46.15	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
484705	c.35G>T p.(Gly12Val)	6.97	c.4285C>T p.(Gln1429Ter)	60.13	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
486596	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	No data	No
491299	c.35G>A p.(Gly12Asp)	15.3	c.2805C>G p.(Tyr935Ter)	33.34	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	No data	No
494048	Wild type	0	c.4631C>T p.(Ser1541Ter)	20.1	Wild type	0	c.1799T>A p.(Val600Glu)	22.53	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	Yes
495192	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	p.Ser1499Phe	3.94	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No data	No data	No
495636	c.34G>A p.(Gly12Ser)	8.57	c.1660C>T p.(Arg554Ter)	35.65	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
496633	c.35G>A p.(Gly12Asp)	4.27	c.637C>T p.(Arg213Ter)	37.2	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	Yes
498614	Wild type	0	c.2626C>T p.(Arg876Ter)	24.97	Wild type	0	Wild type	0	340ins p.(Val147Alafs Ter2)	22.41	Wild type	0	Wild type	0	Wild type	0	c.845C>A p.(Ser282Ter)	5.29	Normal expression	Ctoplasmatic expression	Normal expression	Normal expression	No data	No
506341	Wild type	0	c.2805C>A p.(Tyr935Ter)	19.04	Wild type	0	Wild type	0	c.374C>T p.(Thr125Met)	5.83	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
507115	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	Yes
508688	c.35G>T p.(Gly12Val)	38.68	c.4485delT p.(Ser1495ArgfsTer12)	17.22	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1513C>G p.(Arg505Gly)	3.75	Normal expression	Normal expression	Normal expression	No
508971	Wild type	0	c.1624C>T p.(Gln542Ter)	11.07	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
511786	c.436G>A p.(Ala146Thr)	11.72	c.3876_3880dupGACAC p.(Gln1294ArgfsTer13)	28.27	Wild type	0	Wild type	0	c.769C>T p.(Leu257Leu)	23.08	Wild type	0	c.206G>A p.(Gly68Glu)	3.73	c.206G>A p.(Gly68Glu)	2.09	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
515411	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Ctoplasmatic expression	Normal expression	Nuclear expression	Yes
516314	Wild type	0	No data	No data	Wild type	0	c.1799T>A p.(Val600Glu)	15.97	c.1171G>A p.(Asp391Asn)	2.44	Wild type	0	c.1000G>A p.(Glu334Lys)	2.84	c.1513C>T p.(Arg505Cys)	3.38	Normal expression	Normal expression	Normal expression	Normal expression	No data	Yes
525162	Wild type	0	c.3064G>C p.(Asp1022His)	30.57	Wild type	0	Wild type	0	c.375G>T p.(Thr125Thr)	74.11	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Ctoplasmatic expression	Normal expression	Nuclear expression	No
526232	Wild type	0	c.4348C>T p.(Arg1450Ter)	36.54	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
554404	c.351A>C p.(Lys117Asn)	46.69	c.3925G>T p.(Glu1309Ter)	32.32	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
554775	c.436G>A p.(Ala146Thr)	11.78	c.4112C>T p.(Gln1378Ter)	83.61	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.832C>T p.(Arg278Ter)	37.89	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
565347	Wild type	0	c.4348C>T p.(Arg1450Ter)	32.82	Wild type	0	Wild type	0	c.916C>T p.(Arg306Ter)	6.28	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
666334	Wild type	0	c.847C>T p.(Arg283Ter)	40.33	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	Yes
706697	c.38G>A p.(Gly13Asp)	2.32	c.847C>T p.(Arg283Ter)	12.87	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
719931	Wild type	0	c.3871C>T p.(Gln1291Ter)	28.97	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
730729	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
733943	c.35G>A p.(Gly12Asp)	19.43	No data	No data	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
740567	Wild type	0	c.4189G>T p.(Glu1397Ter)	31.89	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
741511	Wild type	0	c.3927_3931delAAAGA p.(Glu1309AlafsTer4)	22.39	Wild type	0	Wild type	0	c.524G>A p.(Arg175His)	6.96	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Normal expression	Nuclear expression	No
742961	c.35G>T p.(Gly12Val)	30.56	c.4240delG p.(Val1414ArgfsTer2)	29.21	Wild type	0	Wild type	0	c.856G>A p.(Glu286Lys)	69.14	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
745211	Wild type	0	c.4260delC p.(Ser1421ValfsTer52)	16.07	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
746399	c.34G>A p.(Gly12Ser)	5.84	c.4271delC p.(Pro1424GlnfsTer49)	27.1	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No

747708	No data	No data			Wild type	0	Wild type	0	c.527G>A p.(Cys176Tyr)	14.15	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
752553	Wild type	0		c.1606G>T p.(Glu536Ter)	24.19	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
753059	c.535G>A p.(G179S)	38.42		No data	No data	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
756805	c.35G>T p.(Gly12Val)	26.24	c.2816_2819dupAGTC p.(Glu941Val fs Ter6)	38.87	Wild type	0	Wild type	0	c.406C>T p.(Gln136Ter)	3.48	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Citoplasmatic expression	No data	No
756825	Wild type	0		c.1960C>T p.(Gln654Ter)	10.55	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	No data	No data	No data	No
759954	c.351A>T, p.(Lys117Asn)	4.15		c.4348C>T p.(Arg1450Ter)	21.26	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
765440	Wild type	0		c.4135G>T p.(Glu1379Ter)	40.05	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Loss nuclear expression ≥50%	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
765518	Wild type	0		Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
766095	Wild type	0		Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Citoplasmatic expression	Normal expression	Nuclear expression	Yes
767922	Wild type	0		c.2626C>T p.(Arg876Ter)	27.4	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
770544	Wild type	0		c.4037C>G p.(Ser1346Ter)	60.02	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
771876	Wild type	0		c.1495C>T p.(Arg499Ter)	33.97	c.35G>T p.(Gly12Val)	8.62	Wild type	0	c.517G>A p.(Val173Met)	30.75	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
777111	c.35G>T p.(Gly12Val)	31.25	c.3927_3931delAAAGA p.(Glu1309Asp fs Ter4)	32.43	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1685C>G p.(Ser562Ter)	21.28	Normal expression	Normal expression	Nuclear expression	No
779784	Wild type	0		c.1690C>T p.(Arg564Ter)	11.32	Wild type	0	Wild type	0	c.783-2A>C	39.17	c.1082G>A p.(Arg361His)	5.89	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
782285	Wild type	0		c.694C>T p.(Arg232Ter)	37.43	Wild type	0	Wild type	0	Wild type	0	c.290G>A p.(Arg97His)	2.16	Wild type	0	c.670C>T p.(Arg224Ter)	20.48	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
786408	c.436G>A p.(Ala146Thr)	60.33		c.2932C>T p.(Gln978Ter)	47.02	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
786998	Wild type	0		c.1690C>T p.(Arg564Ter)	19.7	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
800312	c.35G>A p.(Gly12Asp)	20.41		c.4135G>T p.(Glu1379Ter)	52.7	Wild type	0	Wild type	0	c.375G>A p. (Thr125Thr)	13.91	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	Yes
802489	c.436G>A p.(Ala146Thr)	72.05		c.4387A>T p.(Arg1463Ter)	57.33	c.1811C>A p.(Gln604Lys)	2.55	Wild type	0	c.818G>A p.(Arg273His)	7.41	Wild type	0	Wild type	0	c.963G>T p.(Trp321Cys)	34.07	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
804181	c.183A>C p.(Gln61His)	5.43		Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
806707	c.34G>A p.(Gly12Ser)	42.77		c.4216C>T p.(Gln1406Ter)	41.21	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Loss nuclear expression ≥50%	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
809969	c.35G>C, p.(Gly12Ala)	9.28		c.4261delA p.(Arg876Ter)	38.24	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
811757	Wild type	0		c.4135G>T p.(Glu1379Ter)	22.29	Wild type	0	Wild type	0	p.Thr18Ile	2.19	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
812282	Wild type	0		c.904C>T p.(Arg302Ter)	18.36	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
815842	c.35G>A p.(Gly12Asp)	8.2		c.694C>T p.(Arg232Ter)	67.08	Wild type	0	Wild type	0	Wild type	0	c.1610A>G p.(Asp537Gly)	40.27	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
820939	c.38G>A p.(Gly13Asp)	41.15	c.3927_3931delAAAGA p.(Glu1309Asp fs Ter4)	31.87	Wild type	0	Wild type	0	c.638G>A p.(Arg213Gln)	5.03	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
821614	No data	No data		No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Nuclear expression	No
823923	No data	No data	c.4192_4193delAG p.(Arg1399Phe fs Ter9)	14.58	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Nuclear expression	No
823964	c.34G>T p.(Gly12Cys)	33.59		c.3883C>T p.(Glu1295Ter)	26.67	c.35G>C p.(Gly12Ala)	3.86	Wild type	0	c.1024C>T p.(Arg342Ter)	3.17	Wild type	0	c.1649G>T p.(Arg550Leu)	13.79	c.1436G>A p.(Arg479Gln)	2.69	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
825670	c.35G>T p.(Gly12Val)	6.03		Wild type	0	c.1811C>A p.(Gln604Lys)	3.13	Wild type	0	c.406C>T p.(Gln136Ter)	8.01	Wild type	0		Wild type	0	c.1394G>A p.(Arg465His)	8.66	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
827629	Wild type	0		c.4348C>T p.(Arg1450Ter)	27.02	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.134C>T p.(Ser45Phe)	22.96	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
838794	Wild type	0		No data	No data	No data	Wild type	0	Wild type	0	No data	No data	Wild type	0	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	No data	No
840974	c.35G>A p.(Gly12Asp)	3.65	c.3927_3931delAAAGA p.(Glu1309Asp fs Ter4)	39.28	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1268G>A p.(Gly423Glu)	2.05	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
843119	c.35G>T p.(Gly12Val)	2		c.4135G>T p.(Glu1379Ter)	47.82	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1996G>A p.(Gly666Arg)	16.78	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Citoplasmatic expression	No data	No
846036	No data	No data		No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	No data	No
846715	Wild type	0	c.1643dupT p.(Leu548Phe fs Ter12)	23.55	c.120 C>T p.(Tyr=)	14.49	Wild type	0	c.205G>A p.Ala69Thr	4.03	Wild type	0	Wild type	0	Wild type	0	No data	No data	Citoplasmatic expression	Normal expression	No data	No
850901	Wild type	0		c.637C>T p.(Arg213Ter)	42.03	Wild type	0	Wild type	0	c.289G>A p.(Val97Ile)	20.89	Wild type	0	c.2060G>A p.(Gly687Glu)	4.09	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Normal expression	Nuclear expression	No
853182	c.183A>C p.(Gln61His)	46.69	c.4233delT p.(Ser1411Arg fs Ter4)	20.33	Wild type	0	Wild type	0	c.375G>A, p.(Thr125Thr)	2.56	Wild type	0	c.1127G>A p.(Arg376His)	11.51	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
856479	c.34G>A p.(Gly12Ser)	5.49	c.4132C>T p.(Gln1378Ter)	37.5	Wild type	0	Wild type	0	c.515T>G p.(Val172Ile)	2.01	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
863891	c.35G>A p.(Gly12Asp)	41.61		c.637C>T p.(Arg213Ter)	33	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Citoplasmatic expression	Normal expression	Nuclear expression	No
867871	Wild type	0	c.3898_3904dupAATACCC p.(Leu1302Gln fs Ter15)	24.55	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
867988	No data	No data		No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Citoplasmatic expression	No data	No
868083	Wild type	0	c.3845C>A p.(Ser1282Ter)	76.46	Wild type	0	Wild type	0	c.733G>A p.(Gly245Ser)	2.2	Wild type	0	Wild type	0	c.1514G>A p.(Arg505His)	21.57	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
869122	Wild type	0	c.4031C>A p.(Ser1344Ter)	76.67	Wild type	0	Wild type	0	c.700T>C p.(Tyr234His)	2.06	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
870506	Wild type	0	c.1690C>T p.(Arg564Ter)	27.21	c.35G>A p.(Gly12Asp)	5.08	Wild type	0	c.790C>T p.(Leu264=)	12.5	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
876420	c.35G>A p.(Gly12Asp)	29.75	c.4120G>T p.(Glu1374Ter)	83.56	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1637C>A p.(Ser546Ter)	39.37	Normal expression	Normal expression	Normal expression	Nuclear expression	No
878007	c.34G>T p.(Gly12Cys)	5.14	c.3880C>T p.(Gln1294Ter)	38.99	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1513C>T p.(Arg505Cys)	38.94	Normal expression	Normal expression	Normal expression	Nuclear expression	No
879659	Wild type	0	c.2626C>T p.(Arg876Ter)	30.31	Wild type	0	Wild type	0	c.817C>T p.(Arg273Cys)	2.14	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	No data	No
882777	c.436G>A p.(Ala146Thr)	2	c.3919dupA p.(Ile1307Asn fs Ter8)	34.07	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	No data	No
887411	Wild type	0	c.4348C>T p.(Arg1450Ter)	20.5	c.458A>C p.(Glu153Ala)	9.16	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Citoplasmatic expression	Normal expression	Nuclear expression	Yes
890299	Wild type	0	c.4338delC p.(Pro1453LeufsTer20)	35.91	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
897335	c.35G>A p.(Gly12Asp)	41.15	c.3505G>T p.(Glu1169Ter)	37.28	c.1811C>A p.(Gln604Lys)	18.92	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No data	No
905622	Wild type	0	c.4561G>T p.(Glu1521Ter)	78	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	Yes
906249	No data	No data		No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Loss nuclear expression ≥50%	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
907846	Wild type	0	c.4031C>A p.(Ser1344Ter)	33.14	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	No data	No data	Yes
916180	No data	No data		No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	No data	No
931232	No data	No data		No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Citoplasmatic expression	Normal expression	No data	Yes
933849	No data	No data		No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Citoplasmatic expression	Nuclear expression	Yes
935350	c.38G>A p.(Gly13Asp)	1.59	c.4463delT p.(Leu1488Tyr fs Ter19)	31	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
937157	No data	No data		No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
938676	c.34G>T p.(Gly12Cys)	2.03	c.694C>T p.(Arg232Ter)	52.54	Wild type	0	Wild type	0	Wild type	0	c.178G>A p.(Ala60Thr)	3.15	c.160G>A p.(Glu54Lys)	3.23	c.1338G>A p.(Trp446Ter)	3.02	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
941049	c.35G>T p.(Gly12Val)	6.38	c.4120G>T p.(Glu1374Ter)	83.14	Wild type	0	Wild type	0	dup p.(Asn235Thr fs Ter14)	37.13	Wild type	0	Wild type	0	c.1177C>T p.(Arg393Ter)	43.69	Normal expression	Normal expression	Normal expression	No data	No data	No
942238	Wild type	0	c.4358del p.(Pro1453LeufsTer20)	35.94	Wild type	0	Wild type	0	Wild type	0	c.1216G>A p.(Ala406Thr)	25.49	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
942807	Wild type	0	c.646C>T p.(Arg216Ter)	38.97	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
976633	c.370>T p.(Gly13Cys)	26.8	c.4305_4314del p.(Arg1435Ser fs Ter35)	35.69	Wild type	0	Wild type	0	c.524G>A p.(Arg175His)	62.67	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
979656	c.64C>A p.(Gln22Lys)	25.48	c.835-8A>G	59.91	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1744C>T p.(Arg582Trp)	2.76	Wild type	0	Normal expression	Loss of any nuclear expresion	Citoplasmatic expression	Normal expression	No data	Yes
985332	Wild type	0	c.1900delA p.(Ser634Val fs Ter12)	32.07	c.175G>A p.(Ala59Thr)	3.76	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Citoplasmatic expression	Nuclear expression	No
985369	c.35G>A p.(Gly12Asp)	10.94	c.4240delC p.(Val1414Ter)	40.26	Wild type	0	Wild type	0	c.528C>G p.(Cys176Trp)	7.59	Wild type	0	Wild type	0	c.1670G>T p.(Gly557Val)	73.31	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
986368	Wild type	0	c.1972_1978delGAGAACA p.(Glu658Thr fs Ter10)	25.81	Wild type	0	Wild type	0	Wild type	0	No data	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
987858	Wild type	0	c.4031C>G p.(Ser1344Ter)	62.78	Wild type	0	Wild type	0	c.638G>A p.(Arg213Gln)	49.11	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Loss Citoplasmatic expression	Nuclear expression	No
988662	c.35G>C p.(Gly12Ala)	32.96	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
993032	c.351A>C p.(Lys117Asn)	6.47	c.4222G>T p.(Glu1408Ter)	39.97	Wild type	0	c.1799T>A p.(Val600Glu)	2.65	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Citoplasmatic expression	Normal expression	Nuclear expression	No
993034	Wild type	0	c.4233delT p.(Ser1411Arg fs Ter4)	13.26	Wild type	0	Wild type	0	c.734G>T p.(Gly245Val)	8.79	Wild type	0	Wild type	0	c.1310G>T p.(Gly437Val)	13.41	Normal expression	Normal expression	Citoplasmatic expression	Normal expression	Nuclear expression	Yes
994978	Wild type	0	c.694C>T p.(Arg232Ter)	26.46	c.35G>A p.(Gly12Asp)	5.84	Wild type	0	c.438G>A p.(Trp146Ter)	37.72	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Loss Citoplasmatic expression	Nuclear expression	Yes
1017762	Wild type	0	c.4099C>T p.(Gln1367Ter)	34.82	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	Yes
1019865	c.351A>C p.(Lys117Asn)	50	c.2008A>T p.(Lys670Ter)	25.85	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
1021306	Wild type	0	c.637C>T p.(Arg213Ter)	26.51	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	Yes
1025619	c.35G>A p.(Gly12Asp)	8.34	c.3842C>A p.(Ser1281Ter)	46.96	Wild type	0	Wild type	0	c.743G>A p.(Arg248Gln)	3.31	No data	No data	No data	No data	No data	No data	Loss nuclear expression ≥50%	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1027555	c.38G>A p.(Gly13Asp)	5.59	c.3927_3931delAAAGA p.(Glu1309Asp fs Ter4)	47.51	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1038180	Wild type	0	c.3927_3931delAAAGA p.(Glu1309Asp fs Ter4)	56.32	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	No data	No	No
1039352	Wild type	0	c.4612_4613delGA p.(Glu1538Ile fs Ter5)	30.61	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
1042660	c.35G>A p.(Gly12Asp)	36.32	c.3927_3931delAAAGA p.(Glu1309Asp fs Ter4)	49.56	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1394G>A p.(Arg465His)	41.11	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1042708	c.34G>A p.(Gly12Ser)	14.22	c.3982C>T p.(Gln1328Ter)	63.95	Wild type	0	Wild type	0	c.560-1G>A	3.9	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Citoplasmatic expression	Normal expression	Nuclear expression	No
1043839	Wild type	0	c.3916G>T p.(Glu1306Ter)	43.33	Wild type	0	Wild type	0	c.374C>T p.(Thr125Met)	7.05	c.382G>A p.(Val128Met)	2.67	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1045426	c.34G>T p.(Gly12Cys)	9.89	c.694C>T p.(Arg232Ter)	26.05	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1047338	c.35G>T p.(Gly12Val)	35.81	c.3991A>T p.(Arg1331Ter)	83.33	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	No data	No	No
1049660	c.436G>A p.(Ala146Thr)	16.66	No data	No data	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1052331	Wild type	0	c.4037C>A p.(Ser1346Ter)	23.65	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Citoplasmatic expression	Normal expression	No data	No
1055426	Wild type	0	c.2077A>T p.(Lys693Ter)	25.97	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.121C>T p.(Gln41Ter)	34.11	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
1059832	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	No data	Normal expression	No data	No
1061062	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Loss Citoplasmatic expression	No data	No
1065313	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1069322	c.436G>A p.(Ala146Thr)	2.68	c.3991A>T p.(Arg1331Ter)	69.61	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Citoplasmatic expression	Normal expression	Nuclear expression	No
1074134	c.35G>A p.(Gly12Asp)	33.96	c.4099C>T p.(Gln1367Ter)	41.97	Wild type	0	Wild type	0	c.818G>T p.(Arg273Leu)	30.96	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1083727	No data	No data		No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1087894	Wild type	0	c.3927_3931delAAAGA p.(Glu1309Asp fs Ter4)	48.61	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	No data	Normal expression	No data	No
1090411	Wild type	0	c.4099C>T p.(Gln1367Ter)	26.72	Wild type	0	Wild type	0	c.524G>A p.(Arg175His)	5.11	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Citoplasmatic expression	Loss Citoplasmatic expression	Nuclear expression	No
1091627	c.38G>A p.(Gly13Asp)	3.52	c.3871C>T p.(Gln1291Ter)	61.64	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1094638	c.35G>T p.(Gly12Val)	17.68	c.3916G>T p.(Glu1306Ter)	62.95	Wild type	0	Wild type	0	c.589G>A p.(Val197Met)	2.46	c.1496G>A p.(Cys499Tyr)	2.81	Wild type	0	c.643G>A p.(Ala215Thr)	3.44	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1096333	Wild type	0	c.4285C>T p.(Gln1429Ter)	31.55	Wild type	0	Wild type	0	c.769C>T p.(Leu257=)	4.85	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	No data	Nuclear expression	No
1097271	Wild type	0	c.4057G>T p.(Glu1353Ter)	43.43	Wild type	0	Wild type	0	c.677>CP (Trp23Arg)	5.19	Wild type	0	Wild type	0	c.832C>T p.(Arg278Ter)	2.36	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1098074	No data	No data		No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Loss nuclear expression ≥50%	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1105864	Wild type	0	c.4128T>G p.(Tyr1376Ter)	28.51	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
1107968	c.38G>A p.(Gly13Asp)	7.77	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1513C>T p.(Arg505Cys)	10.97	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1112192	c.35G>A p.(Gly12Asp)	37.56	c.1690C>T p.(Arg564Ter)	31.3	Wild type	0	Wild type	0	c.733G>A p.(Gly245Ser)	13.68	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	Normal expression	Nuclear expression	No
1118465	c.34G>A p.(Gly12Ser)	3.78	Wild type	0	Wild type	0	Wild type	0	c.818G>A p.(Arg273His)	1.82	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1123669	c.35G>T p.(Gly12Val)	25.92	c.3956delC p.(Pro1319Leu fs Ter2)	50.82	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
1125697	c.35G>T p.(Gly12Val)	5.24	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.454C>T p.(Pro152Ser)	13.91	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1132746	c.436G>A, p.Ala146Thr	40.11	c.4245delT p.(Ser1415Arg fs Ter4)	36.29	Wild type	0	Wild type	0	c.771G>A p.(Leu257=)	4.05	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any n

1145720	c.183A>C, p.(Gln61His)	5.32	No data	No data	Wild type	0	Wild type	0	c.409C>T p.(Leu137=)	20.66	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Normal expression	Yes
1149704	c.35G>A p.(Gly12Asp)	39.35	c.2626C>T p.(Arg876Ter)	21.48	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1394G>A p.(Arg465His)	8.81	Normal expression	Normal expression	Normal expression	Normal expression	No data	Yes
1149904	c.38G>A p.(Gly13Asp)	30.87	c.1139G>A p.(Arg380Gln)	49.58	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
1159084	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	Yes
1236471	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1236597	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1237693	c.437C>T, p.(Ala146Val)	52.88	c.4283delG p.(Gly1428Asp fs Ter45)	26.13	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1242729	c.35G>A p.(Gly12Asp)	34.26	c.637C>T p.(Arg213Ter)	33.1	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1249784	Wild type	0	c.4189G>T p.(Glu1397Ter)	19.38	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
1250164	Wild type	0	c.3000C>A p.(Tyr1000Ter)	34.48	Wild type	0	Wild type	0	c.527G>T p.(Cys176Phe)	14.98	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
1252641	c.436G>A p.(Ala146Thr)	5.06	c.7829G>A p.(Gly2610Glu)	5.84	Wild type	0	Wild type	0	c.919G>A p.(Ala307Thr)	31.2	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	Yes
1254572	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No
1256118	c.34G>T, p.(Gly12Cys)	25.12	c.4216C>T p.(Gln1406Ter)	29.39	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	Normal expression	No data	No
1257417	Wild type	0	c.3708_3727 p.(Gln1237Serfs Ter12)	47.78	Wild type	0	Wild type	0	c.742C>T p.(Arg248Trp)	11.24	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1260386	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1260725	Wild type	0	c.3856G>T p.(Glu1286Ter)	31.88	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Normal expression	No data	No
1260857	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1267485	Wild type	0	c.3927_3931delAAAGA p.(Glu1309Asp fs Ter4)	38.87	c.34G>T p.(Gly12Cys)	3.32	Wild type	0	c.818G>A p.(Arg273His)	9.38	Wild type	0	Wild type	0	c.1394G>A p.(Arg465His)	5.98	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1269063	Wild type	0	c.4606delG p.(Glu1536Lys fs Ter29)	19.79	Wild type	0	Wild type	0	Wild type	0	p.Arg196Ter	1.9	Wild type	0	Wild type	0	Normal expression	Normal expression	Ctoplasmatic expression	Normal expression	Nuclear expression	Yes
1269591	Wild type	0	c.834+1G>T	46.43	c.181C>A p.(Gln61Lys)	41.56	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1272737	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1273218	Wild type	0	c.3871C>T p.(Gln1291Ter)	60.28	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	Yes
1274830	Wild type	0	c.835-8A>G	31.53	Wild type	0	Wild type	0	c.731G>A p.(Gly244Asp)	22.33	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1274982	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1278054	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1281166	Wild type	0	c.4464_4465delAT p.(Leu1488Phe fs Ter25)	58.61	Wild type	0	Wild type	0	c.665C>T p.(Pro222Leu)	11.6	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1286871	c.35G>A p.(Gly12Asp)	10.75	c.1744-1G>C	11.94	Wild type	0	c.1816G>A p.(Gly606Arg)	5.95	Wild type	0	Wild type	0	Wild type	0	c.61G>A p.(Ala21Thr)	2.13	c.658C>T p.(Gln220Ter)	2.07	Normal expression	Normal expression	Nuclear expression	No
1293980	Wild type	0	c.2626C>T p.(Arg876Ter)	32.1	c.181C>A p.(Gln61Lys)	4.07	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1298379	Wild type	0	c.4348C>T p.(Arg1450Ter)	18.34	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1303888	Wild type	0	c.4682delA p.(Lys1561Arg fs Ter4)	33.36	Wild type	0	Wild type	0	c.697C>T p.(His233Tyr)	14.18	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1304094	c.38G>A p.(Gly13Asp)	2.89	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.134C>T p.(Ser45Phe)	74.58	c.1394G>A p.(Arg465His)	7.69	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1307073	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1309846	c.436G>A, p.(Ala146Thr)	2.55	c.2413C>T p.(Arg805Ter)	21.11	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	Yes
1310000	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	Yes
1311520	c.35G>T p.(Gly12Val)	8.49	No data	No data	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
1312916	c.38G>A p.(Gly13Asp)	16.48	c.3982C>T p.(Gln1328Ter)	40.28	Wild type	0	Wild type	0	c.406C>T p.(Gln136Ter)	3.08	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
1318011	c.34G>A p.(Gly12Ser)	1.48	c.3807_3808delAT p.(Ile1269Met fs Ter6)	22.84	Wild type	0	c.1816G>A p.(Gly606Arg)	1.8	c.772G>T p.(Glu258Ter)	3.41	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1322272	Wild type	0	c.3982C>T p.(Gln1328Ter)	69.42	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1324845	c.34G>A p.(Gly12Ser)	8.14	c.4189G>T p.(Glu1397Ter)	68.06	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1335093	c.34G>A, p.(Gly12Ser)	5.37	c.4271delC p.(Pro1424Glnfs Ter49)	34.17	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1339824	c.436G>A, p.(Ala146Thr)	14.19	c.1263G>A p.(Trp421=)	18.29	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1341203	Wild type	0	c.2398_2402delTGTTT p.(Val800Ter)	27.09	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
1344924	Wild type	0	c.1660C>T p.(Arg554Ter)	41.28	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Ctoplasmatic expression	Normal expression	Nuclear expression	No
1345696	c.436G>A p.(Ala146Thr)	15.97	c.3927_3931delAAAGA p.(Glu1309Asp fs Ter4)	73.62	Wild type	0	Wild type	0	1480G>A p.(Asp494Asn)	2.96	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1361754	c.436G>A, p.(Ala146Thr)	15.19	c.3964G>T p.(Glu1322Ter)	80	Wild type	0	Wild type	0	c.746G>T p.(Arg249Met)	10.53	Wild type	0	Wild type	0	c.1513C>T p.(Arg505Cys)	28.76	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Normal expression	Nuclear expression	No
1363960	Wild type	0	c.4012C>T p.(Gln1338Ter)	68.36	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	Yes
1384057	Wild type	0	c.2550_2551delAA p.(Ser851Phe fs Ter60)	19.5	Wild type	0	Wild type	0	c.3+1G>A	21.99	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1384654	c.35G>T p.(Gly12Val)	2.57	Wild type	0	Wild type	0	c.1929A>G p.(Gly643=)	60.47	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Normal expression	Nuclear expression	No
1385764	Wild type	0	c.4467_4469delACA p.(Leu1489 His1490delinsPhe)	28.9	c.37G>T p.(Gly13Cys)	4.04	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1386333	Wild type	0	c.4592delA p.(Asn1531Met fs Ter34)	27.27	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1996G>A p.(Gly666Arg)	0.39	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1393809	36_38dup p.(Gly13Dup)	8.45	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	No data	Nuclear expression	No
1396356	c.35G>T p.(Gly12Val)	12.9	c.4192_4193delAG p.(Arg1399Phe fs Ter9)	28.97	Wild type	0	Wild type	0	c.535C>G p.(His179Asp)	71.6	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
1402464	Wild type	0	c.4271delC p.(Pro1424Glnfs Ter49)	29.12	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Loss nuclear expresion ≥50%	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1404053	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	No data	Nuclear expression	Yes
1405924	Wild type	0	c.835-8A>G	66.31	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Normal expression	No data	Yes
1410486	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No
1416249	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
1421584	Wild type	0	c.2828C>G p.(Ser943Ter)	14.11	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	Yes
1431797	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	Yes
1440300	Wild type	0	c.4099C>T p.(Gln1367Ter)	61.05	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1393C>T p.(Arg465Cys)	4.32	Wild type	0	No data	No data	No data	No data	No data	No
1448502	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	Yes
1449496	c.436G>A, p.(Ala146Thr)	45.03	c.2107delG p.(Ala703Glnfs Ter15)	39.24	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1436G>A p.(Arg479Gln)	5.08	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1451911	Wild type	0	c.3934G>T p.(Gly1312Ter)	49.2	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	Yes
1455142	c.38G>A p.(Gly13Asp)	1.88	c.2950G>T p.(Glu984Ter)	9.72	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1457030	c.35G>A p.(Gly12Asp)	5.54	c.4033C>T p.(Glu1345Ter)	16.67	Wild type	0	Wild type	0	c.997C>T p.(Arg333Cys)	3.47	Wild type	0	Wild type	0	c.671G>A p.(Arg224Gln)	3.46	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1457901	c.35G>T p.(Gly12Val)	5.97	c.3927_3931delAAAGA p.(Glu1309Asp fs Ter4)	75.07	c.181C>A p.(Gln61Lys)	4.46	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	No data	No data	No
1458488	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.134C>T p.(Ser45Phe)	6.92	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
1458996	Wild type	0	c.607C>T p.(Gln203Ter)	35.28	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
1469937	c.35G>T p.(Gly12Val)	41.3	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1476495	c.35G>T p.(Gly12Val)	29.04	c.2755A>T p.(Arg919Ter)	26.49	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	Yes
1477006	Wild type	0	c.4183delA p.(Ser1395Val fs Ter20)	40.78	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	No data	Normal expression	Nuclear expression	Yes
1479204	Wild type	0	c.646C>T p.(Arg216Ter)	14.38	Wild type	0	c.1799T>A p.(Val600Glu)	6.14	Wild type	0	Wild type	0	Wild type	0	c.832C>T p.(Arg278Ter)	7.31	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1485926	Wild type	0	c.2626C>T p.(Arg876Ter)	36.19	Wild type	0	c.1929A>G p.(Gly643=)	99.53	c.586C>T p.(Arg196Ter)	29.27	Wild type	0	c.1127G>A p.(Arg376His)	18.84	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	No data	No
1490748	Wild type	0	c.4476delC p.(Thr1493Arg fs Ter14)	33.29	c.35G>A p.(Gly12Asp)	31.3	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Normal expression	No data	No
1493319	c.35G>T p.(Gly12Val)	20.58	c.4285C>T p.(Gln1429Ter)	33.33	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
1494982	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Nuclear expression	No
1497660	Wild type	0	c.3184C>T p.(Gln1062Ter)	34.03	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1504581	c.34G>T, p.(Gly12Cys)	2.5	Wild type	0	Wild type	0	c.1799T>A p.(Val600Glu)	16.93	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	Yes
1504859	c.38G>A p.(Gly13Asp)	23.91	c.2468C>G p.(Ser823Ter)	28.4	Wild type	0	Wild type	0	c.1024C>T p.(Arg342Ter)	15.21	Wild type	0	Wild type	0	c.1513C>T p.(Arg505Cys)	9.59	No data	No data	No data	No data	Nuclear expression	No
1509196	c.35G>T p.(Gly12Val)	2.91	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1512328	c.35G>T p.(Gly12Val)	30.42	c.2413C>T p.(Arg805Ter)	28.67	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1533673	c.34G>A p.(Gly12Ser)	2.27	c.4222G>T p.(Glu1408Ter)	20.7	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	Yes
1537118	c.35G>A p.(Gly12Asp)	17.59	c.4067C>G p.(Ser1356Ter)	40.015	Wild type	0	Wild type	0	Wild type	0	c.1216G>A p.(Ala406Thr)	4.25	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1538229	Wild type	0	c.4037C>A p.(Ser1346Ter)	59.33	Wild type	0	c.1781A>G p.(Asp594Gly)	3.35	c.743G>T p.(Arg248Leu)	4.71	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1538528	Wild type	0	c.4199C>A p.(Ser1400Ter)	30.48	c.182A>G p.(Gln61Arg)	3.13	c.2045G>A p.(Arg682Gln)	4.07	c.560G>A p.(Gly187Asp)	6.11	Wild type	0	Wild type	0	c.1442C>A p.(Ala481Asp)	8.26	Normal expression	Normal expression	Normal expression	Normal expression	No data	Yes
1540167	c.35G>T p.(Gly12Val)	3.44	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.134C>T p.(Ser45Phe)	19.10	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
1542734	Wild type	3.45	c.4189G>T p.(Glu1397Ter)	40.21	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1542961	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1542976	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1546933	c.38G>A p.(Gly13Asp)	65.76	c.4190dupA p.(Ser1398Glufs Ter11)	34.5	Wild type	0	Wild type	0	Wild type	0	c.1526G>A p.(Trp509Ter)	4.84	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	Yes
1550545	c.38G>A p.(Gly13Asp)	5.41	c.2736_2740delACATT p.(His913Cys fs Ter4)	32.95	Wild type	0	Wild type	0	c.844C>T p.(Arg282Trp)	5.3	Wild type	0	Wild type	0	Wild type	0	Normal expression	No data	Normal expression	Normal expression	Nuclear expression	Yes
1552937	No data	No data	c.3982C>T p.(Gln1328Ter)	42.57	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1553354	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1553371	c.35G>T p.(Gly12Val)	35.46	c.4233delT p.(Ser1411Arg fs Ter4)	35.72	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
1553639	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No
1554873	Wild type	0	c.5119_5120insAGAT p.(Ser1707Ter)	7.85	Wild type	0	Wild type	0	c.817C>T p.(Arg273Cys)	5.75	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1556266	Wild type	0	c.2626C>T p.(Arg876Ter)	34.44	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1436G>A p.(Arg479Gln)	3.98	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1560327	c.38G>A p.(Gly13Asp)	10.61	c.2626C>T p.(Arg876Ter)	28.73	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1560913	Wild type	0	c.3340C>T p.(Arg1114Ter)	22.39	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	Yes
1561331	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.134C>T p.(Ser45Phe)	40.47	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1561921	Wild type	0	c.3916G>T p.(Glu1306Ter)	41.64	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Ctoplasmatic expression	Normal expression	Nuclear expression	No
1562481	Wild type	0	c.646C>T p.(Arg216Ter)	16.81	Wild type	0	Wild type	0	c.501G>A p.(Gln167=)	3.43	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	No data	Normal expression	No data	Yes
1562612	Wild type	0	c.4348C>T p.(Arg1450Ter)	35.6	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1563441	Wild type	0	c.4359delT p.(Asn1455Ile fs Ter18)	31.64	Wild type	0	Wild type	0	c.279G>A p.(Leu93=)	6.2	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	No data	No data	No data	No
1565219	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1567461	Wild type	0	c.4359delT p.(Asn1455Ile fs Ter18)	42.01	Wild type	0	Wild type	0	Wild type	0	c.888C>A p.(Pro296=)	5.42	c.24G>A p.(Met1Ile)	0.04	Wild type	0	No data	No data	Ctoplasmatic expression	Normal expression	No data	Yes
1568711	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Nuclear expression	No
1573712	Wild type	0	c.2626C>T p.(Arg876Ter)	16.65	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1574871	Wild type	0	c.3982C>T p.(Gln1328Ter)	57.52	Wild type	0	Wild type	0	c.473G>A p.(Arg158His)	5.08	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Normal expression	Nuclear expression	No
1576044	Wild type	0	c.7829G>A p.(Gly2610Glu)	15.20	Wild type	0	Wild type	0	c.673G>A p.(Val225Ile)	27.4	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
1576059	c.38G>A p.(Gly13Asp)	37.24	c.4467_4468insAATA p.(His1490Asn fs Ter25)	30.54	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No
1576854	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No

1577967	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Nuclear expression	Yes
1579308	c.35G>A p.(Gly12Asp)	10.47	c.3747C>A p.(Cys1249Ter)	83.74	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	Yes
1579439	Wild type	0	c.4216C>T p.(Gln1406Ter)	44.16	Wild type	0	Wild type	0	c.998G>A p.(Arg333His)	16.41	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1583844	c.437C>T, p.(Ala146Val)	25.37	No data	No data	Wild type	0	Wild type	0	c.1004G>A p.(Arg335His)	4.38	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	Yes
1584698	c.35G>T p.(Gly12Val)	8.87	c.3367C>T p.(Gln1123Ter)	19.82	Wild type	0	Wild type	0	c.439G>A p.(Val147Ile)	20.15	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No
1584723	c.35G>T p.(Gly12Val)	33.86	c.5611G>A p.(Asp1871Asn)	12.04	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
1584912	c.34G>T, p.(Gly12Cys)	3.49	c.437C>T, p.(Ala146Val)	25.37	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1585281	Wild type	0	c.4666dupA p.(Thr1556AsnfsTer3)	33.73	Wild type	0	Wild type	0	c.832C>T p.(Pro278Ser)	11.76	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	Nuclear expression	No
1586078	c.34G>A p.(Gly12Ser)	13.44	c.3982C>T p.(Gln1328Ter)	65.08	Wild type	0	Wild type	0	Wild type	3	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No
1586940	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No
1587816	c.35G>T p.(Gly12Val)	3.88	c.4477delA p.(Thr1493Argfs Ter14)	81.83	Wild type	0	c.1801A>G p.(Lys601Glu)	13.41	c.782+1G>A	38.62	c.344G>A p.(Cys115Tyr)	2.41	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	Yes
1588377	c.35G>A p.(Gly12Asp)	27.19	c.3927_3931delAAAGA p.(Glu1309Asfs Ter4)	11.59	Wild type	0	Wild type	0	c.438G>A p.(Trp146Ter)	18.78	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
1588380	Wild type	0	c.637C>T p.(Arg213Ter)	12.81	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No
1588742	c.35G>A p.(Gly12Asp)	16.78	c.1658G>A p.(Trp553Ter)	26.75	Wild type	1.86	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.985G>A p.(Gly329Arg)	2.33	No data	No data	No data	No
1588746	dup p.(Gly12 Gly13dup)	18.05	No data	No data	Wild type	0	c.1787G>A p.(Gly596Asp)	6.62	Wild type	0	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Nuclear expression	No
1588881	Wild type	0	c.4316delC p.(Pro1439LeufsTer34)	31.91	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1393C>T p.(Arg465Cys)	8.27	Normal expression	Normal expression	Nuclear expression	No
1589856	Wild type	0	c.4469delA p.(His1490LeufsTer17)	17.5	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	Yes
1590375	c.436G>A, p.(Ala146Thr)	10.81	c.4156A>T p.(Arg1386Ter)	27.57	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	Yes
1590399	Wild type	0	c.1693G>T p.(Glu565Ter)	17.97	Wild type	0	Wild type	0	c.1093C>T p.(His233Tyr)	2.12	Wild type	0	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1590406	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1590517	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	Yes
1590531	Wild type	0	c.4037C>A p.(Ser1346Ter)	73.26	Wild type	0	c.1781A>G p.(Asp594Gly)	1.4	c.743G>T p.(Arg248Leu)	23.13	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	No data	No
1591287	Wild type	0	Wild type	0	Wild type	0	c.1843G>A p.(Gly615Arg)	24.23	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.2020C>T p.(Arg674Trp)	30.07	Normal expression	Normal expression	Normal expression	No
1591297	Wild type	0	c.4462_4463delTT p.(Leu1488IlefsTer25)	51.91	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Loss Ctoplasmatic expression	No
1591323	c.35G>T p.(Gly12Val)	8.9	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.134C>T p.(Ser45Phe)	58.88	Wild type	0	Normal expression	Normal expression	Normal expression	No
1591325	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	Yes
1592419	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1593067	c.34G>A p.(Gly12Ser)	1.85	c.4176_4177insGTT p.(Ser1392_Leu1393insVal)	76.79	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1214T>A p.(Leu405His)	33.45	c.1394G>A p.(Arg465His)	7.48	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Loss Ctoplasmatic expression	Nuclear expression	No
1593068	c.38G>A p.(Gly13Asp)	19.24	c.2413C>T p.(Arg805Ter)	33.03	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Normal expression	No data	No
1593600	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1593944	c.35G>T p.(Gly12Val)	39.78	c.4348C>T p.(Arg1450Ter)	68.87	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	Yes
1594079	Wild type	0	c.4189G>T p.(Glu1397Ter)	43.59	Wild type	0	Wild type	0	c.284C>T p.(Ser95Phe)	15.25	Wild type	0	Wild type	0	Wild type	0	Loss nuclear expression ≥50%	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1594125	Wild type	0	c.4285C>T p.(Gln1429Ter)	41.13	Wild type	0	Wild type	0	c.584T>C p.(Ile195Thr)	4	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	Yes
1595768	c.35G>T p.(Gly12Val)	34.3	c.4189G>T p.(Glu1397Ter)	46.99	Wild type	0	c.1405G>A p.(Gly469Arg)	5.7	c.703A>G p.(Asn235Asp)	11.95	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1596014	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Loss nuclear expression ≥50%	Loss of any nuclear expresion	Normal expression	No data	Nuclear expression	No
1596035	Wild type	0	c.4189G>T p.(Glu1397Ter)	38.07	Wild type	0	Wild type	0	c.291C>A p.(Val97=)	3.17	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1596757	Wild type	0	c.4009C>T p.(Gln1367Ter)	58.64	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1596760	c.35G>T p.(Gly12Val)	14.86	c.7829G>A p.(Gly2610Glu)	24.53	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1597790	c.35G>T p.(Gly12Val)	36.38	c.4348C>T p.(Arg1450Ter)	36.1	Wild type	0	Wild type	0	c.742C>T p.(Arg248Trp)	2.74	No data	No data	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1597794	Wild type	0	c.4120G>T p.(Glu1374Ter)	22.73	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1597810	c.35G>A p.(Gly12Asp)	35.89	c.1875_1878delGACA p.(Asn626Lysfs Ter4)	31.75	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Nuclear expression	Nuclear expression	No
1598514	c.35G>A p.(Gly12Asp)	5.94	c.4009C>T p.(Gln1367Ter)	58.92	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1598799	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1598822	Wild type	0	c.3907C>T p.(Gln1303Ter	28.53	Wild type	0	Wild type	0	c.578A>G p.(His193Arg)	25.55	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1598851	Wild type	0	c.2626C>T p.(Arg876Ter)	33.27	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1268G>T p.(Gly423Val)	12.21	Normal expression	Normal expression	Normal expression	No data	No
1599147	c.436G>A p.(Ala146Thr)	9.95	c.2626C>T p.(Arg876Ter)	35.88	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1513C>T p.(Arg505Cys)	31.18	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1599356	c.35G>A p.(Gly12Asp)	39.7	c.3853_3859 p.(Asp1285Ter)	36.85	Wild type	0	Wild type	0	c.272G>A p.(Trp91Ter)	20.07	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Normal expression	No data	No
1599364	Wild type	0	c.2083C>T p.(Gln695Ter)	25.3	Wild type	0	Wild type	0	c.560G>A p.(Gly187Asp)	5.8	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	Yes
1599772	c.35G>T p.(Gly12Val)	5.32	c.4135G>T p.(Glu1379Ter)	44.7	c.181C>A p.(Gln61Lys)	4.14	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	Yes
1599795	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	No data	Yes
1600279	Wild type	0	c.4348C>T p.(Arg1450Ter)	29.33	Wild type	0	Wild type	0	c.596G>A p.(Gly199Glu)	5.75	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Normal expression	Nuclear expression	Yes
1601509	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.396G>A p.(Tyr132=)	3.9	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1603048	Wild type	0	c.4271delC p.(Pro1424GlnfsTer49)	29.12	Wild type	0	Wild type	0	Wild type	0	No data	No data	c.2327G>A p.(Trp776Ter)	22.22	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1603287	Wild type	0	c.3933delT p.(Ile1311MetfsTer10)	65.9	Wild type	0	Wild type	0	Wild type	0	mirar mut	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
1603289	c.35G>T p.(Gly12Val)	9.34	Wild type	0	Wild type	0	Wild type	0	c.375G>A p.(Thr125Thr)	27.17	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1603290	c.35G>T p.(Gly12Val)	16.43	Wild type	0	c.182A>G p.(Gln61Arg)	30.83	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Loss Ctoplasmatic expression	No data	No
1603391	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1603395	c.182A>G p.(Gln61Arg)	38.3	c.4469dupA p.(His1490GlnfsTer24)	82.55	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1604224	Wild type	0	c.4135G>T p.(Glu1379Ter)	44.7	Wild type	0	c.1799T>A p.(Val600Glu)	3.2	p.Gly112Asp	3.19	Wild type	0	c.1711G>A p.(Glu571Lys)	2.61	c.1072G>A p.(Gly358Arg)	0.28	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1604238	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1604494	c.34G>C p.(Gly12Arg)	2.11	c.847C>T p.(Arg283Ter)	20.355	Wild type	0	c.1396G>A p.(Gly466Arg)	1.75	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1394G>A p.(Arg465His)	21.32	Normal expression	Normal expression	Ctoplasmatic expression	Normal expression	Nuclear expression	Yes
1604512	c.34G>A p.(Gly12Ser)	6.02	c.4348C>T p.(Arg1450Ter)	28.6	Wild type	0	Wild type	0	p.Gln104Ter	1.35	Wild type	0	Wild type	0	Wild type	0	c.711G>A p.(Trp237Ter)	0.28	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1604535	c.176C>T p.(Ala59Val)	1.89	c.4314delA p.(Pro1439LeufsTer34)	28.05	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1604649	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1605039	Wild type	0	c.4364_4368delATAAA p.(Asn1455Ierfs Ter5)	13.73	Wild type	0	Wild type	0	c.637C>T p.(Arg213Ter)	29.08	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Loss Ctoplasmatic expression	Nuclear expression	No
1605057	c.38G>A p.(Gly13Asp)	42.64	c.3856delG p.(Glu1286Lysfs Ter2)	41.27	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	No data	Nuclear expression	Yes
1605390	c.183A>C p.(Gln61His)	13.97	Wild type	0	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1605398	Wild type	0	c.3905delT p.(Leu1302Argfs Ter3)	72.38	Wild type	0	Wild type	0	c.527G>A p.(Cys176Tyr)	24.15	No data	No data	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	No data	No
1605549	c.35G>T p.(Gly12Val)	1.6	c.4464_4465dupAT p.(Leu1489Tyrfs Ter13)	28.76	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	c.1394G>A p.(Arg465His)	5.91	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1606216	c.38G>A p.(Gly13Asp)	34.56	c.3916G>T p.(Glu1306Ter)	44.01	Wild type	0	Wild type	0	c.818G>A p.(Arg273His)	35.45	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Normal expression	No data	No
1606231	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Loss of any nuclear expresion	No data	Normal expression	Nuclear expression	No
1608323	Wild type	0	c.3927_3931delAGAAA p.(Glu1309Asfs Ter4)	34.02	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1608327	c.35G>A p.(Gly12Asp)	13.65	Wild type	0	Wild type	0	c.1929A>G p.(Gly643=)	12.49	Wild type	0	c.1572G>T p.(Trp524Cys)	46.81	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1608988	Wild type	0	c.3850G>T p.(Glu1284Ter)	71	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	No data	No
1608993	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	Yes
1608996	c.35G>T p.(Gly12Val)	6.22	c.2557G>T p.(Glu853Ter)	8.19	Wild type	0	Wild type	0	Wild type	0	c.1140G>A p.(Arg380=)	3.69	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1609165	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Nuclear expression	No
1609290	c.436G>A, p.(Ala146Thr)	2.93	c.4469_4470insG p.(His1490GlnfsTer24)	66.54	Wild type	0	Wild type	0	Wild type	0	No data	No data	Wild type	0	Wild type	0	Wild type	0	No data	No data	No data	No data	No data	No
1611198	Wild type	0	c.4132C>T p.(Gln1378Ter)	69.03	Wild type	0	Wild type	0	c.710T>C p.(Met237Thr)	25.62	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	Nuclear expression	No
1611203	Wild type	0	c.4057G>T p.(Glu1353Ter)	61.41	Wild type	0	Wild type	0	c.499C>T p.(Arg167Ter)	3.58	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1611224	c.35G>A p.(Gly12Asp)	44.57	c.4444C>T p.(Leu1482Phe)	20.48	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1612862	Wild type	0	c.4132C>T p.(Gln1378Ter)	22.65	c.436G>A p.(Ala146Thr)	1.77	c.1525C>T p.(Arg509Ter)	2.21	Wild type	0	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
1616962	Wild type	0	c.568G>T p.(Glu190Ter)	18.06	Wild type	0	Wild type	0	c.743G>A p.(Arg248Gln)	5.66	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Normal expression	Nuclear expression	No
1617816	Wild type	0	c.646C>T p.(Arg216Ter)	41.57	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1618227	c.35G>A p.(Gly12Asp)	42.62	c.2656C>T p.(Gln886Ter)	36.16	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Normal expression	No data	No
1619421	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1621326	c.437C>T, p.(Ala146Val)	4.48	No data	No data	Wild type	0	Wild type	0	c.673-1G>A	5.74	No data	No data	No data	No data	No data	No data	Normal expression	Normal expression	Normal expression	Normal expression	Nuclear expression	No
1622355	Wild type	0	c.4141_4142del p.(Pro1381Thrfs Ter4)	52.59	Wild type	0	c.1819T>C p.(Ser607Pro)	7.81	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Loss of any nuclear expresion	Ctoplasmatic expression	Loss Ctoplasmatic expression	Nuclear expression	No
1622925	Wild type	0	Wild type	0	No data	No data	No data	No data	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	Nuclear expression	No
1627519	Wild type	0	c.4233del p.(Ser1411Argfs Ter4)	56	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Normal expression	Loss Ctoplasmatic expression	No data	No
1632045	Wild type	0	c.4012C>T p.(Gln1338Ter)	60.79	Wild type	0	Wild type	0	c.742C>T p.(Arg248Trp)	2.53	Wild type	0	Wild type	0	Wild type	0	Wild type	0	Normal expression	Normal expression	Ctoplasmatic expression	Normal expression	No data	Yes
1649592	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	Normal expression	Loss of any nuclear expresion	Normal expression	Normal expression	No data	No
Advanced Adenomas: defined as more than 25% villous histology, and/ or 1ze ≥1 cm, and/or high-grade dysplaia																						