

FRDA fibroblasts

Short alleles < 499 repeats	Medium alleles 500 – 999 repeats	Long alleles >1000 repeats
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B - indicates line established from a second, independent skin biopsy of the same individual

nd - not determined

Cell Line	Sex	Sampling Age	Age of Onset	GAA repeats	
				Allele 1	Allele 2
4	M	30	11	597	848
21	M	35	8	622	738
50	M	33	13	353	616
66	M	70	41	110	590
68	F	21	7	570	1200
86	F	30	18	367	780
88	F	50	16	520	520
90	F	29	7	556	556
90B	F	33	7	570	570
130	M	56	41	136	540
145	F	44	23	480	620
156	M	41	15	495	505
162	F	31	20	388	388
179	F	34	25	600	920
188	M	47	11	490	680
203	F	31	14	916	1382
212	M	27	11	603	720
255	F	21	5	255	868
281	M	19	11	630	806
4041	M	19	9	553	806
4090	F	21	12	541	783
4110	M	40	16	459	1012
4111	F	19	12	392	485
4111B	F	23	12	422	495
4181	M	23	8	450	712
4182	M	22	11	457	684
4192	M	33	16	400	967
4193	F	20	12	650	719

Cell Line	Sex	Sampling Age	Age of Onset	GAA repeats	
				Allele 1	Allele 2
4230	F	28	6	870	1470
4230B	F	34	6	567	744
4249	M	19	10	596	596
4253	F	19	7	713	713
4259	M	37	15	404	920
4497	F	44	30	526	826
4498	F	55	17	404	404
4509	M	36	18	211	1428
4621	F	26	11	496	923
4627	F	50	22	501	670
4627B	F	53	22	512	709
4644	F	62	30	216	216
4645	M	27	13	640	780
4654	M	19	16	190	500
4659	F	45	12	474	807
4670	M	44	5	601	760
4675	M	28	4	185	1130
4676	M	21	10	797	797
4676B	M	22	12	444	768
4687	F	23	10	450	1270
4711	M	16	8	550	1362
4743	M	29	16	498	1043
4744	F	32	11	519	519
4756	F	37	16	397	507
4758	F	21	14	581	1069
4805	M	17	11	576	1000
4813	M	17	5	692	884
4832	F	33	11	555	956
4858	F	20	10	604	834
4869	M	30	20	294	405
4878	F	15	11	585	714
6107	M	33	16	589	693
6196	M	68	47	160	534
6199	M	63	43	244	1043
6245	M	31	14	571	769
6247	F	33	15	478	1017
6605	M	35	nd	424	846
6531	M	50	nd	286	788

Carrier and Control Fibroblasts

Cell Line	Sex	Sampling Age	Status	Fibroblast	
				Allele 1	Allele 2
6128	F	28	carrier	Normal range	1054
6129	F	60	carrier	Normal range	793
6353	F	55	carrier	Normal range	1000
6494	F	nd	carrier	Normal range	873
6526	M	40	carrier	Normal range	658
6562	M	14	carrier	Normal range	771
6012	F	39	control	Normal range	Normal range
6718	M	45	control	Normal range	Normal range
6719	F	22	control	Normal range	Normal range