Table S1. Molecular data for 30 female participants carrying PM alleles.

Cases	CGG	AGG	XCI	AR-Sb1	AR-Sb2	AR-mPCR	*FMR1* mRNA
Case 1	190	0	0.70	0.49	0.56	0.74	3.97
Case 2	79	1	0.30	0.58	0.51	0.45	1.81
Case 3	**104**	**1**	**NA**	**0.84**	**0.79**	**0.33**	**NA**
Case 4	78	0	0.65	0.41	0.39	0.47	2.14
Case 5	100	0	NA	0.4	0.32	0.28	2.19
Case 6	82	2	0.20	0.35	0.25	0.14	2.7
Case 7	67	0	NA	0.51	0.55	0.77	1.93
Case 8	**90**	**0**	**0.50**	**0.54**	**0.49**	**0.73**	**NA**
Case 9	83	0	0.50	0.37	0.316	0.1	NA
Case 10	67	0	0.20	0.34	0.29	0.44	2.28
Case 11	59	0	0.70	0.63	0.685	0.87	1.83
Case 12	93	2	0.25	0.78	0.639	0.84	1.93
Case 13	130	0	0.70	0.81	0.755	0.72	2.14
Case 14	78	0	0.80	0.33	0.296	0.26	2.85
Case 15	**91**	**2**	**0.10**	**0.37**	**0.27**	**0.67**	**2.61**
Case 16	**68**	**1**	**0.30**	**0.31**	**0.39**	**0.65**	**2.26**
Case 17	**69**	**0**	**0.5**	**0.42**	**0.486**	**0.70**	**1.7**
Case 18	**71**	**0**	**NA**	**0.49**	**0.525**	**0.69**	**1.85**
Case 19	91	0	0.70	0.66	0.64	0.69	3.23
Case 20	71	0	NA	0.47	0.5	0.65	1.96
Case 21	73	1	0.75	0.49	0.469	0.79	1.89
Case 22	68	1	0.30	0.64	0.76	0.83	0.77
Case 23	125	1	NA	0.84	0.77	0.86	1.94
Case 24	87	1	0.70	0.86	0.7	0.82	0.75
Case 25	56	0	0.70	0.57	0.6	0.72	1.79
Case 26	89	2	0.40	0.58	0.6	0.39	2.05
Case 27	100	2	0.15	0.8	0.77	0.80	NA
Case 28	78	1	0.5	0.49	0.56	0.79	1.88
Case 29	105	2	0.10	0.81	0.88	0.88	2.4
Case 30	127	0	0.50	0.57	0.611	0.81	0.07

Abbreviations: CGG - cytosine-guanine-guanine treplets; AGG - adenine–guanine–guanine triplets; XCL - X chromosome inactivation; AR-Sb – activation ration obtained by Southern blot analysis; AR-mPCR - activation ration obtained by mPCR.