

Table S3 Co-segregated regions determined in the PM family

Core region*	STR marker	Co-segregation	Corresponding region*
1p36.23	D1S468	Uncertain	Chr1:1-19,957,152 (1p36.33-p36.13, 19.96M)
	D1S2660	Uncertain	
	D1S2642	Yes	
	D1S214	Yes	
	D1S450	Yes	
	D1S2667	Yes	
	D1S489	Uncertain	
	D1S2697	Yes	
	D1S199	No	
2p23.1	D2S165	No	Chr2:28,603,282-12,425,0138 (2p23.2-q14.3, 95.65M)
	D2S2255	Yes	
	D2S352	Yes	
	D2S367	Yes	
	D2S2163	Yes	
	D2S2259	Uncertain	
2p21	D2S2163	Yes	
	D2S2259	Uncertain	
	D2S391	Uncertain	
	D2S2369	Uncertain	
	D2S2292	No	
	D2S2352	Yes	
	D2S436	Yes	
2q14.3	D2S1894	No	
	D2S293	Yes	
	D2S1784	Uncertain	
	D2S160	Uncertain	
	D2S347	No	
3q22.3	D3S1589	No	Chr3:125,943,889-168,210,371 (3q21.3-q26.2, 42.27M)
	D3S3606	Uncertain	
	D3S1292	Yes	
	D3S3637	Uncertain	
	D3S1309	Yes	
	D3S1569	Yes	
	D3S1550	Yes	
	D3S1279	Uncertain	
	D3S1614	No	
4q26	D4S1572	No	Chr4:103,769,921-123,917,814 (4q24-q28.1, 20.15M)
	D4S406	Uncertain	
	D4S402	Yes	
	D4S3250	No	

Table S3 Continued

Core region*	STR marker	Co-segregation	Corresponding region*
8p23.2	D8S264	Yes	Chr8:1-9,233,441 (8p23.3-23.1, 9.23M)
	D8S277	No	
8p23.1	D8S503	No	
13q13.3	D13S1287	No	Chr13:31,715,796-41,077,296 (13q12.3-14.11, 9.36M)
	D13S171	Uncertain	
	D13S219	Yes	
	D13S218	Uncertain	
	D13S1233	No	
16p12.1	D16S3068	No	Chr16:25,560,601-53,671,041 (16p12.1-q12.2, 28.11M)
	D16S3100	Yes	
	D16S3136	Uncertain	
	D16S415	No	

*, the region information is based on NCBI build 37/UCSC hg19.