

Table S3

Immortalized cell lines for which LCR22A was mapped

sample#	cell line	ID	family	relation (PO = parent of origin)	mapping	assembled(non-transmitted) complete LCR22A alleles
1	complete Hydatiform molar cell line	CHM1	NA	NA	fiber FISH + Bionano	1
2	EBV	GM12878	NA	HapMap	fiber FISH + Bionano	2
3	EBV	KD70002217	1	mother	fiber FISH + Bionano	2
4	EBV	KD77577567	1	father (PO)	fiber FISH + Bionano	2
5	EBV	KD8866372	1	proband	fiber FISH + Bionano	NA
6	EBV	KD61116500	2	mother	fiber FISH + Bionano	2
7	EBV	KD61116503	2	father (PO)	fiber FISH + Bionano	2
8	EBV	KD263193	2	proband	fiber FISH + Bionano	NA
9	EBV	KD1338446	3	mother (PO)	fiber FISH	2
10	EBV	KD79716312	3	father	fiber FISH	2
11	EBV	KD60426119	3	proband	fiber FISH	NA
12	EBV	KD77164804	4	mother (PO)	fiber FISH	2
13	EBV	KD77226728	4	father	fiber FISH	2
14	EBV	KD71025464	4	proband	fiber FISH	NA
15	EBV	KD477855	5	mother (PO)	fiber FISH	2
16	EBV	KD82436809	5	father	fiber FISH	2
17	EBV	KD1279982	5	proband	fiber FISH	NA
18	EBV	KD147583	6	mother	fiber FISH	2
19	EBV	KD147582	6	father (PO)	fiber FISH	2
20	EBV	KD64650	6	proband	fiber FISH	NA
21	EBV	BM1452.200	7	mother	fiber FISH	2
22	EBV	BM1452.100	7	father (PO)	fiber FISH	2
23	EBV	BM1452.001	7	proband	fiber FISH	NA
24	EBV	BM1453.200	8	mother (PO)	fiber FISH	2
25	EBV	BM1453.100	8	father	fiber FISH	2
26	EBV	BM1453.001	8	proband	fiber FISH	NA
27	EBV	KD72344971	NA	proband	fiber FISH	1
28	EBV	KD73666398	NA	proband	fiber FISH	1
29	EBV	KD76172253	NA	proband	fiber FISH	1
30	EBV	KD74812843	NA	proband	fiber FISH	1
31	EBV	KD79537395	NA	proband	fiber FISH	1
32	EBV	KD83148403	NA	parent	fiber FISH	2
33	EBV	KD77657625	NA	parent	fiber FISH	2
34	Fibroblast	AG 06939A	NA	NA	fiber FISH	2