

Supplementary Table S2. HML-2 similarity matrices.**HML-2 Percent Sequence Identity Matrix**

	1q22	3q12.2	3q21.2	5p13.3	7p22.1b	8p23.1c	11p15.4	21q21.1	22q11.21	
1q22	100	94	97	97	99	70	69	97	98	1q22
3q12.3		100	94	95	95	70	69	95	94	3q12.3
3q21.2			100	97	97	68	68	97	97	3q21.2
5p13.3				100	97	69	68	97	97	5p13.3
7p22.1b					100	70	69	97	98	7p22.1b
8p23.1c						100	95	69	70	8p23.1c
11p15.4							100	69	69	11p15.4
21q21.1								100	97	21q21.1
22q11.21									100	22q11.21

HML-2 Percent Expression Similarity Matrix

	1q22	3q12.2	3q21.2	5p13.3	7p22.1b	8p23.1c	11p15.4	21q21.1	22q11.21	
1q22	100	32	95	95	95	68	53	89	89	1q22
3q12.3		100	37	26	26	63	68	26	37	3q12.3
3q21.2			100	89	89	74	58	89	89	3q21.2
5p13.3				100	100	63	47	100	89	5p13.3
7p22.1b					100	63	47	100	89	7p22.1b
8p23.1c						100	74	63	74	8p23.1c
11p15.4							100	47	47	11p15.4
21q21.1								100	89	21q21.1
22q11.21									100	22q11.21