

**Supplementary Table S1.** HML-2 transcript levels detected through single-genome sequencing in breast cancer cell lines of varying molecular subtype.

Provirus	Breast Cancer Molecular Subtype			Total Number of Transcripts
	Luminal <sup>a</sup>	HER2/ <i>neu</i> <sup>b</sup>	Basal <sup>c</sup>	
1q22	11	30	28	69
3q12.3	20	17	15	52
21q21.1	2	-	7	9
11p15.4	8	4	1	13
7p22.1	3	7	-	10
3q21.2	2	5	1	8
K105	3	1	1	5
16p11.2	3	-	2	5
22q11.21	-	3	-	3
5p13.3	-	3	-	3

<sup>a</sup>Luminal cell lines: ZR-75-1, MCF-7, T47D; <sup>b</sup>HER2/*neu* cell lines: SK-BR-3, Hcc1954;

<sup>c</sup>Basal cell lines: BT20, Hs578T, MDA-MB-231