

Table S4: Expression level of *HERV-env* genes in male breast tumor samples

Male BRCA samples	Control		TUMOR			
	HEMO	HEMO	ERVW-1	ERVFRD-1	ERVV-2	ERV3-1
TCGA-AC-A62V		0,094	0,008	0,110	0,019	0,894
TCGA-AQ-A54O		0,901	0,014	0,033	0,000	1,854
TCGA-A8-A085		0,952	0,065	0,025	5,295	3,242
TCGA-BH-A0B4		1,081	0,000	0,021	0,000	3,136
TCGA-AO-A1KQ		1,738	0,031	0,089	1,014	2,456
TCGA-A1-A0SM		1,788	0,053	0,050	1,467	3,381
TCGA-AR-A1AV		2,017	0,214	0,049	0,044	5,540
TCGA-D8-A1XS		2,172	0,145	0,105	0,019	3,292
TCGA-EW-A1PD		2,374	0,115	0,123	0,063	4,111
TCGA-BH-A0DD	0,127	2,617	0,035	0,038	0,000	3,803
TCGA-E2-A14W		3,711	0,000	0,176	0,092	2,719
TCGA-EW-A6SA		3,717	0,034	0,012	0,000	2,842

Expression level (as $\log_2(\text{TPM}+1)$) of *HEMO* and 4 other *HERV-env* genes, in 12 male tumor samples included in the BRCA cohort (1086 total samples)