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

| Male BRCA samples | Control | TUMOR |
|-------------------|---------|-------|
|                   | HEMO    | HEMO  | ERVW-1 | ERVFRED-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     | 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$_2$(TPM+1)) of HEMO and 4 other HERV-env genes, in 12 male tumor samples included in the BRCA cohort (1086 total samples)