

Supplementary Table - 1

| SYMBOL | CDH1 | VIM | ratio | TYMS |
|----------------|-------------|------------|--------------|-------------|
| MCF7 | 218.67 | 1.67 | 0.007637 | 27.17 |
| HCC1428 | 173 | 1.47 | 0.008497 | 35.04 |
| BT-483 | 217.85 | 2.21 | 0.010145 | 8.42 |
| MDA-MB-175-VII | 196.32 | 2.22 | 0.011308 | 16.32 |
| T-47D | 125.64 | 1.48 | 0.01178 | 25.26 |
| UACC-893 | 160 | 1.9 | 0.011875 | 50.97 |
| KPL-1 | 168.68 | 2.8 | 0.016599 | 28.58 |
| HCC202 | 129.66 | 2.9 | 0.022366 | 37.95 |
| BT-20 | 182.34 | 4.2 | 0.023034 | 58.37 |
| HCC1419 | 74.12 | 1.87 | 0.025229 | 35.84 |
| HCC1937 | 108.31 | 3.08 | 0.028437 | 52.08 |
| MDA-MB-415 | 117.31 | 3.62 | 0.030858 | 21.6 |
| EFM-192A | 144.81 | 6.37 | 0.043989 | 34.48 |
| HCC1806 | 41.61 | 1.9 | 0.045662 | 34.03 |
| EFM-19 | 92.39 | 4.61 | 0.049897 | 19.15 |
| CAL-148 | 57.64 | 2.95 | 0.05118 | 33.66 |
| DU4475 | 23.29 | 1.2 | 0.051524 | 44.27 |
| CAL-85-1 | 162.55 | 10.86 | 0.06681 | 93.43 |
| JIMT-1 | 53.86 | 3.68 | 0.068325 | 59.23 |
| UACC-812 | 106.19 | 8.46 | 0.079669 | 26.11 |
| HCC70 | 159.03 | 16.66 | 0.10476 | 34.24 |
| ZR-75-1 | 87.26 | 9.18 | 0.105203 | 39.68 |
| BT-474 | 161.19 | 16.99 | 0.105404 | 54.66 |
| MDA-MB-453 | 9.76 | 1.07 | 0.109631 | 27.64 |
| CAMA-1 | 21.21 | 2.37 | 0.11174 | 35.86 |
| HCC1954 | 152.19 | 21.07 | 0.138445 | 29.55 |
| HCC2218 | 8.58 | 1.63 | 0.189977 | 16.35 |
| MDA-MB-468 | 27.59 | 12.47 | 0.451975 | 93.8 |
| ZR-75-30 | 3.45 | 3.94 | 1.142029 | 17.42 |
| MDA-MB-134-VI | 5.31 | 6.12 | 1.152542 | 17.56 |
| MDA-MB-361 | 210.5 | 250.84 | 1.191639 | 38.17 |
| HCC1599 | 33.04 | 45.93 | 1.390133 | 59.18 |
| HCC1187 | 27.52 | 40.91 | 1.486555 | 50.44 |
| HCC38 | 45.74 | 98.84 | 2.160909 | 30.26 |
| CAL-51 | 12.49 | 56.92 | 4.557246 | 78.29 |
| HCC1143 | 79.47 | 506.06 | 6.367938 | 103.97 |
| HCC2157 | 50.98 | 419.13 | 8.221459 | 32.03 |
| SK-BR-3 | 0.18 | 2.89 | 16.05556 | 46.68 |
| AU565 | 0.09 | 3.79 | 42.11111 | 42.98 |
| CAL-120 | 8.64 | 1123.38 | 130.0208 | 100.53 |
| BT-549 | 0.46 | 1219.59 | 2651.283 | 72.99 |
| MDA-MB-231 | 0.38 | 1099.13 | 2892.447 | 99.91 |
| MDA-MB-436 | 0.1 | 486.9 | 4869 | 32.4 |
| HS-739.T | 0.38 | 2685.45 | 7066.974 | 19.22 |
| HS-742.T | 0.4 | 3303.5 | 8258.75 | 11.2 |
| MDA-MB-157 | 0.17 | 1612.7 | 9486.471 | 128.93 |

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|----------|------|---------|----------|--------|
| HS-578T | 0.33 | 3737.13 | 11324.64 | 30.99 |
| HCC-1359 | 0.24 | 2849.64 | 11873.5 | 127.45 |
| HMC-1-8 | 0.09 | 1120 | 12444.44 | 69.43 |
| HS-343.T | 0.34 | 4752.57 | 13978.15 | 68.27 |
| HS-281.T | 0.3 | 4951.55 | 16505.17 | 44.33 |
| HS-606.T | 0.25 | 4142.49 | 16569.96 | 20.82 |