

Supplementary Table S2. Differentially Expressed Genes among Regorafenib treated and controls in Responders GB-EXPs samples.

| Gene | BaseMean | log2FoldChange | lfcSE | stat | pvalue | padj | Regulation |
|--------------|-------------|----------------|-------------|--------------|-------------|-------------|------------|
| DUSP6 | 1030.602564 | -2.035445528 | 0.295084956 | -6.89782887 | 5.28E-12 | 6.31E-08 | down |
| SPRY4 | 1025.179366 | -1.478026206 | 0.29532205 | -5.004794626 | 5.59E-07 | 0.003342994 | down |
| TIPARP | 1485.264829 | -1.08733372 | 0.22733749 | -4.782905456 | 1.73E-06 | 0.006885835 | down |
| PLVAP | 374.1973502 | -3.343906939 | 0.711454307 | -4.700100774 | 2.60E-06 | 0.007772391 | down |
| F3 | 1659.06811 | -1.83031619 | 0.39667464 | -4.614149743 | 3.95E-06 | 0.009438253 | down |
| STC1 | 1068.707797 | -3.107891567 | 0.701243146 | -4.431974252 | 9.34E-06 | 0.01860636 | down |
| NLRC3 | 307.7242286 | -1.342031415 | 0.309403705 | -4.337476881 | 1.44E-05 | 0.024617009 | down |
| ESM1 | 354.0899544 | -2.848268339 | 0.661832088 | -4.30361173 | 1.68E-05 | 0.025112987 | down |
| SEMA7A | 576.6733932 | -2.007412305 | 0.475993701 | -4.21730855 | 2.47E-05 | 0.032843872 | down |
| SLC30A2 | 27.04120244 | 2.607940852 | 0.625101515 | 4.172027728 | 3.02E-05 | NA | up |
| SERPINB2 | 9.381732009 | -6.584501841 | 1.606558547 | -4.098513469 | 4.16E-05 | NA | down |
| HMGCR | 632.7932346 | -0.990838182 | 0.2434905 | -4.069309405 | 4.72E-05 | 0.049908631 | down |
| PHLDA1 | 4306.481294 | -1.310959456 | 0.322990581 | -4.058816372 | 4.93E-05 | 0.049908631 | down |
| RNF150 | 208.085889 | 1.08354345 | 0.267198793 | 4.0551959 | 5.01E-05 | 0.049908631 | up |
| PKN1 | 2717.81574 | 0.752678426 | 0.192713147 | 3.905693198 | 9.40E-05 | 0.086410295 | up |
| LRRC36 | 32.31731943 | -2.292724878 | 0.590940929 | -3.879786904 | 0.000104548 | NA | down |
| ANGPTL4 | 2115.89789 | -1.901486534 | 0.490842613 | -3.873923095 | 0.000107097 | 0.088282202 | down |
| ELOVL6 | 228.9735214 | -0.916711606 | 0.237183323 | -3.864991827 | 0.000111093 | 0.088282202 | down |
| EGR2 | 311.5887651 | -0.954647682 | 0.248228459 | -3.845843005 | 0.000120139 | 0.088282202 | down |
| LRRC16B | 240.334553 | 1.338450465 | 0.349002553 | 3.835073566 | 0.000125527 | 0.088282202 | up |
| SRSF7 | 704.6769414 | -0.466772455 | 0.122238602 | -3.818535622 | 0.000134246 | 0.08916931 | no |
| IL8 | 1156.482835 | -1.733954275 | 0.456649529 | -3.797122662 | 0.000146385 | 0.090037756 | down |
| SPRY2 | 877.5602359 | -0.981474459 | 0.25896062 | -3.790052938 | 0.000150615 | 0.090037756 | down |
| F2RL3 | 34.21939241 | -2.800868893 | 0.739860116 | -3.78567358 | 0.000153293 | NA | down |
| MFAP4 | 578.0008982 | 2.552818153 | 0.679762667 | 3.755455065 | 0.000173027 | 0.098509927 | up |
| PXDNL | 29.34698962 | -1.315393254 | 0.350541893 | -3.75245664 | 0.00017511 | NA | down |
| CNN1 | 43.6354944 | 1.546722655 | 0.41364811 | 3.739223314 | 0.00018459 | NA | up |
| HBEGF | 404.0392227 | -0.697221523 | 0.186586813 | -3.736713825 | 0.000186441 | 0.101322159 | down |
| EGFL7 | 734.0982389 | -1.978845734 | 0.532420474 | -3.716697292 | 0.000201844 | 0.102200272 | down |
| ANGPT2 | 590.9991496 | -1.558032639 | 0.419662433 | -3.71258544 | 0.000205153 | 0.102200272 | down |
| PTGS2 | 545.6326945 | -2.216381476 | 0.6000597 | -3.693601616 | 0.0002211 | 0.103370079 | down |
| LPHN2 | 838.7193936 | -0.923627119 | 0.250346864 | -3.689389606 | 0.000224793 | 0.103370079 | down |
| LIF | 1401.853848 | -1.979614009 | 0.538176781 | -3.67837127 | 0.000234728 | 0.103941085 | down |
| SLC1A1 | 151.5108207 | -1.18666296 | 0.32530571 | -3.647839326 | 0.000264455 | 0.112922253 | down |
| RADIL | 286.2457902 | 1.216666558 | 0.337625843 | 3.603594286 | 0.000313847 | 0.12939147 | up |
| ELMSAN1 | 3222.752259 | 1.248463265 | 0.348761063 | 3.579709431 | 0.000343976 | 0.137086092 | up |
| TXNIP | 2910.060855 | -1.600517255 | 0.450399513 | -3.553550143 | 0.000380069 | 0.1456154 | down |
| FLT1 | 1343.418986 | -2.100758216 | 0.592273788 | -3.546937682 | 0.000389737 | 0.1456154 | down |
| TIMP1 | 3587.147659 | -2.166666219 | 0.612718344 | -3.536153669 | 0.000405998 | 0.147094471 | down |
| COL2A1 | 37.75100552 | -3.216793486 | 0.916664829 | -3.509236293 | 0.000449395 | NA | down |
| NOTUM | 48.80689011 | 2.645944532 | 0.759444475 | 3.484052646 | 0.000493882 | NA | up |
| SLC2A4RG | 925.5863233 | 0.938749279 | 0.270002792 | 3.476813236 | 0.000507411 | 0.174931366 | up |
| CCL2 | 1686.438647 | -2.215222925 | 0.637593636 | -3.474349176 | 0.000512094 | 0.174931366 | down |
| S100A8 | 27.32945055 | -2.701345784 | 0.777607717 | -3.473918435 | 0.000512917 | NA | down |
| CYP1A1 | 160.1947662 | -2.619788196 | 0.755940558 | -3.465600791 | 0.000529048 | 0.175702781 | down |
| RHOJ | 613.1190672 | -1.017387222 | 0.295772668 | -3.439760777 | 0.000582229 | 0.188138508 | down |
| SOCS3 | 872.8901328 | -1.374404393 | 0.402590318 | -3.413903242 | 0.000640393 | 0.201487905 | down |
| ZNF367 | 122.5972361 | -0.771004796 | 0.226724943 | -3.400617444 | 0.000672338 | 0.206114841 | down |
| ZNF213 | 405.4122695 | 0.540739015 | 0.160080888 | 3.377911146 | 0.000730387 | 0.211001929 | up |
| ZNF436 | 1343.904538 | -1.302383716 | 0.385785273 | -3.375929068 | 0.000735669 | 0.211001929 | down |
| CD93 | 1157.460239 | -2.240097254 | 0.663957084 | -3.373858505 | 0.000741225 | 0.211001929 | down |
| EXOSC6 | 562.2297023 | 0.570603493 | 0.169937102 | 3.35773345 | 0.000785844 | 0.214932099 | up |
| TGM2 | 1303.208826 | -2.024361916 | 0.603984698 | -3.351677486 | 0.000803235 | 0.214932099 | down |
| HKDC1 | 131.7487337 | 2.348666598 | 0.701155167 | 3.349710176 | 0.000808962 | 0.214932099 | up |
| LOC100287015 | 40.88701543 | -0.720844041 | 0.217012353 | -3.321672847 | 0.000894795 | NA | down |
| TFPI2 | 220.7361122 | -1.820005468 | 0.549455193 | -3.312381961 | 0.000925052 | 0.23464676 | down |
| PARP6 | 1245.405129 | 0.580339577 | 0.175488533 | 3.306994296 | 0.000943028 | 0.23464676 | up |
| ZNF205 | 256.8796368 | 0.579945649 | 0.175843627 | 3.298076011 | 0.000973498 | 0.23464676 | up |
| DLL4 | 245.6145378 | -1.757148405 | 0.533601945 | -3.292994756 | 0.000991263 | 0.23464676 | down |
| C22orf23 | 606.4132535 | 1.310984578 | 0.398216788 | 3.292137897 | 0.000994288 | 0.23464676 | up |