|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Effect of SiVASH1** | | | | |
| **RQ=2-CT** | **Polysomal/total RNA** | | | |
| **Gene name** | **Mean** | SD | **Mean** | SD |
| ***Akt1*** | **-1.08** | 0.10 | **1.70** | 0.38 |
| ***Ang*** | **1.77** | 0.47 | **-3.15** | 0.10 |
| ***Angpt1*** | **-1.27** | 0.10 | **8.31** | 1.98 |
| ***Angptl4*** | **-3.02** | 0.01 | **ND** |  |
| ***Anpep*** | **1.10** | 0.20 | **ND** |  |
| ***Apelin*** | **-12.53** | 0.01 | **ND** |  |
| ***Atp2a2*** | **-1.30** | 0.15 | **3.90** | 0.10 |
| ***Ccl21a*** | **ND** |  | **9661.44** | 2449 |
| ***Col18a1*** | **-2.05** | 0.11 | **1.45** | 0.15 |
| ***Col4a3*** | **1.70** | 0.29 | **-22.32** | 0.01 |
| ***Ctgf*** | **-2.66** | 0.05 | **7.83** | 0.03 |
| ***Cxcl1*** | **-1.61** | 0.25 | **-5.95** | 0.04 |
| ***Cxcl10 (Inp10)*** | **-16.31** | 0.02 | **ND** |  |
| ***Cyr 61*** | **-1.11** | 0.14 | **1.26** | 0.46 |
| ***Edn1*** | **2.54** | 0.19 | **1.18** | 0.14 |
| ***Efna1*** | **-1.42** | 0.14 | **-1.43** | 0.07 |
| ***Efnb2*** | **-1.41** | 0.03 | **-3.42** | 0.05 |
| ***Egf*** | **-2.68** | 0.12 | **ND** |  |
| ***Eng*** | **-1.36** | 0.01 | **ND** |  |
| ***Ephb4*** | **-1.33** | 0.00 | **-4.00** | 0.06 |
| ***Erbb2(Her2)*** | **-1.39** | 0.11 | **-2.49** | 0.08 |
| ***F3*** | **2.09** | 0.44 | **1.22** | 0.16 |
| ***Fgf1*** | **-1.99** | 0.11 | **ND** |  |
| ***Fgfr3*** | **-1.89** | 0.05 | **-1.37** | 0.09 |
| ***Fibrillarin*** | **-1.60** | 0.10 | **-1.90** | 0.08 |
| ***Fn1*** | **-2.46** | 0.10 | **4.02** | 0.68 |
| ***Hif1a*** | **1.38** | 0.16 | **4.82** | 1.13 |
| ***Hif2a*** | **-2.21** | 0.03 | **ND** |  |
| ***Hnrnpm*** | **1.01** | 0.17 | **3.91** | 0.67 |
| ***Hpse*** | **2.20** | 0.02 | **-1.08** | 0.03 |
| ***Igf1*** | **2.71** | 1.08 | **1.38** | 0.29 |
| ***Igf1r*** | **-1.47** | 0.04 | **-3.14** | 0.06 |
| ***Itgav*** | **-1.17** | 0.13 | **ND** |  |
| ***Itgb3*** | **1.96** | 0.20 | **-1.66** | 0.00 |
| ***Kdr*** | **-1.35** | 0.15 | **15.02** | 3.72 |
| ***Mmp14*** | **1.38** | 0.02 | **-2.84** | 0.12 |
| ***Neat-1*** | **-2.86** | 0.05 | **34.05** | 2.09 |
| ***Nos3*** | **-4.54** | 0.08 | **ND** |  |
| ***Nrp1*** | **1.21** | 0.09 | **1.19** | 0.30 |
| ***Nrp2*** | **-1.28** | 0.14 | **-4.68** | 0.02 |
| ***P54nrb*** | **-1.38** | 0.01 | **-1.21** | 0.23 |
| ***Pdgfa*** | **-1.11** | 0.10 | **2.91** | 0.35 |
| ***Pecam1*** | **-2.53** | 0.01 | **ND** |  |
| ***Pf4*** | **-3.75** | 0.03 | **ND** |  |
| ***Pgf*** | **-1.70** | 0.04 | **ND** |  |
| ***Plau(Upa)*** | **-1.53** | 0.05 | **ND** |  |
| ***Prok2*** | **ND** |  | **3.38** | 2.45 |
| ***Prox1*** | **2.24** | 0.52 | **7.26** | 1.33 |
| ***Psf/Sfpq*** | **1.85** | 0.20 | **2.46** | 0.24 |
| ***Pspc1*** | **-2.27** | 0.08 | **3.17** | 0.54 |
| ***Rnasep*** | **-1.66** | 0.12 | **21.24** | 1.70 |
| ***Rpl11*** | **-3.23** | 0.10 | **-1.31** | 0.14 |
| ***Serpinf1*** | **-2.32** | 0.15 | **ND** |  |
| ***Sphk1*** | **-3.85** | 0.04 | **ND** |  |
| ***Tek*** | **12.03** | 3.59 | **25.35** | 3.48 |
| ***Tgfb1*** | **-2.27** | 0.03 | **11.88** | 3.07 |
| ***Tgfb2*** | **4.51** | 0.55 | **-1.01** | 0.19 |
| ***Tgfbr1*** | **-2.21** | 0.17 | **1.24** | 0.25 |
| ***Thbs1*** | **7.48** | 2.32 | **2.37** | 0.29 |
| ***Thbs2*** | **-1.38** | 0.08 | **-3.70** | 0.07 |
| ***Timp1*** | **1.24** | 0.34 | **-3.70** | 0.06 |
| ***Timp2*** | **1.91** | 0.10 | **-2.78** | 0.10 |
| ***Timp3*** | **-1.70** | 0.17 | **ND** |  |
| ***Vegfa*** | **1.41** | 0.19 | **10.07** | 2.93 |
| ***Vegfb*** | **1.40** | 0.21 | **5.63** | 0.95 |
| ***Vegfd (Figf)*** | **2.90** | 0.39 | **ND** |  |