|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Query | fc |  Target | fc |  dG |  ndG |
| PLAC2 | -8.2138433 | RGS2 | -4.72962 | -7.96 | -0.1809 |
| PLAC2 | -8.2138433 | PITRM1transcriptvariant1 | 4.35586 | -12.19 | -0.2973 |
| PLAC2 | -8.2138433 | PITRM1transcriptvariant2 | 4.35586 | -12.19 | -0.2973 |
| PLAC2 | -8.2138433 | PITRM1transcriptvariant4 | 4.35586 | -12.19 | -0.2973 |
| PLAC2 | -8.2138433 | PITRM1transcriptvariant5 | 4.35586 | -12.19 | -0.2973 |
| PLAC2 | -8.2138433 | PITRM1transcriptvariant9 | 4.35586 | -12.19 | -0.2973 |
| PLAC2 | -8.2138433 | PITRM1transcriptvariant6 | 4.35586 | -12.19 | -0.2973 |
| PLAC2 | -8.2138433 | PDS5Atranscriptvariant3 | 6.59797 | -9.06 | -0.2745 |
| PLAC2 | -8.2138433 | PDS5Atranscriptvariant1 | 6.59797 | -10.08 | -0.2291 |
| PLAC2 | -8.2138433 | MPC1transcriptvariant2 | 3.04843 | -11.21 | -0.2288 |
| PLAC2 | -8.2138433 | MPC1transcriptvariant1 | 3.04843 | -11.21 | -0.2288 |
| PLAC2 | -8.2138433 | TM7SF3 | -4.2133 | -10.83 | -0.2304 |
| PLAC2 | -8.2138433 | EEF1A1 | -3.86105 | -11.89 | -0.2973 |
| PLAC2 | -8.2138433 | DYNC1I2transcriptvariant5 | -4.74588 | -11.04 | -0.48 |

**Table S2.**  Diffcorr results according to p-value 0.0003 and correlation coefficient ≥|0.95| prior to filtration.

As it is shown increased/decreased expression of RGS2, TM7SF3, EEF1A1 and DYNC1I2 transcriptvariant5 was associated with PLAC2 increased/decreased expression, while the increased expression of MPC1 TRANSCRIPT 2, 1 PITRM1 transcript 1, 2, 4, 5, 6, 9 and PDS5A transcript 3, 1 was associated with increased expression of PLAC2 and vice versa.

deltaG (dG) shows approximate binding free energy

