| HUGO     | R     | pval      | Pres |
|----------|-------|-----------|------|
| RBM24    | 0.323 | 7.90e-03  | 116  |
| APCDD1L1 | 0.385 | 5.05e-04  | 116  |
| PPP6R3   | 0.375 | 7.99e-04  | 121  |
| SHANK1   | 0.374 | 8.52e-04  | 92   |
| CA12 drugta | 0.367 | 1.20e-03  | 121  |
| CTTN     | 0.362 | 1.51e-03  | 121  |
| CAMSAP2  | 0.357 | 1.84e-03  | 121  |
| KCND2 met| 0.356 | 1.93e-03  | 121  |
| DHCR7 dev|       |           |      |
| SHISA2   | 0.352 | 2.38e-03  | 120  |
| ARAP3    | 0.319 | 9.17e-03  | 121  |
| ENDOD1   | 0.350 | 2.54e-03  | 121  |
| FOXL1 TF,transcripti on regulator Act | 0.319 | 9.06e-03 | 121  |
| SRPX2    | 0.346 | 3.00e-03  | 121  |
| SUN1     | 0.320 | 8.92e-03  | 121  |
| TOM1L1 m | 0.320 | 8.91e-03  | 121  |
| LRP4 memb| 0.346 | 3.02e-03  | 121  |
| PTHLH dev,sign transd | 0.344 | 3.37e-03 | 121  |
| FRK kinase, | 0.341 | 3.74e-03 | 121  |
| GALNT5 m | 0.336 | 4.52e-03  | 115  |
| Gene          | Value 1 | Value 2 | Value 3 |
|--------------|---------|---------|---------|
| SYT7 memt    | 0.335   | 4.76e-03| 121     |
| ADAMTS12     | 0.332   | 5.36e-03| 120     |
| MMP16 dru    | 0.331   | 6.68e-03| 116     |
| ZAK apopto   | 0.329   | 6.05e-03| 121     |
| .diff,kinase | 0.329   | 6.05e-03| 121     |
| .sign        | 0.329   | 6.05e-03| 121     |
| .transd      | 0.329   | 6.05e-03| 121     |
| PCDH10 mc    | 0.322   | 8.19e-03| 96      |
| NPBWR1 m     | 0.328   | 6.30e-03| 93      |
| TACC2        | 0.322   | 8.07e-03| 121     |
| MAP3K4 ki    | 0.326   | 7.07e-03| 121     |
| MSRB3        | 0.323   | 7.98e-03| 121     |
| set                              | R# | #   | _p_value_ | Genelist       |
|----------------------------------|----|-----|-----------|----------------|
| over-representation              | 17 | 1   | 4.8e-03   | , CA12         |
| Nitrogen_metabolism              |    |     |           |                |
| over-representation              | 137| 2   | 6.8e-03   | , CTTN, ZAK    |
| Tight_junction                   |    |     |           |                |
| over-representation              | 20 | 1   | 0.01      | , DHCR7        |
| Steroid_biosynthesis             |    |     |           |                |
| over-representation              | 30 | 1   | 0.04      | , GALNT5       |
| Mucin_type_O_Glycan_biosynthesis |    |     |           |                |