Table 1 Statistical Table of Differential Protein Expression

|  |  |  |  |
| --- | --- | --- | --- |
| Gene | Agari5 vs Model  Regulation | Model vs control Regulation | Agari5 vs control Regulation |
| Neb | up | down | insig |
| Pnkp | up | down | insig |
| Papss1 | up | down | insig |
| Lonrf1 | up | down | insig |
| Psat1 | down | up | insig |
| Ccser2 | up | down | insig |
| Man1c1 | down | up | insig |
| Smoc1 | down | up | insig |
| AC095947.1 | up | down | insig |
| Nxn | up | down | insig |
| Tanc1 | up | down | insig |
| Sdf2 | up | down | insig |
| Syap1 | up | down | insig |
| Dmc1 | up | down | insig |
| Nom1 | up | down | insig |
| Decr1 | down | up | insig |
| Rnpep | down | up | insig |
| Pdk1 | up | down | insig |
| Isg15 | up | down | insig |
| Trio | up | down | insig |
| Trim32 | up | down | insig |
| Csnk2a2 | up | down | insig |
| Chgb | up | down | insig |
| Cdk18 | down | up | insig |
| Pold1 | down | up | insig |
| Smad4 | up | down | insig |
| Otc | up | down | insig |
| Mbp | down | up | insig |
| Psbpc1 | down | up | insig |
| Ptprc | up | down | insig |
| Grb10 | up | down | insig |
| Pth1r | up | down | insig |
| Slc6a7 | down | up | insig |
| Vcam1 | down | up | insig |
| Map1a | down | up | insig |
| Afm | up | down | insig |
| Il6st | up | down | insig |
| Padi3 | up | down | insig |
| Ermard | down | up | insig |
| Gramd1a | up | down | Insig |
| Znf830 | down | up | insig |
| Lztfl1 | down | up | insig |
| Cep70 | down | up | insig |
| Armcx3 | up | down | insig |
| Synj1 | up | down | insig |
| Nrxn1 | down | up | insig |
| Prx | down | up | insig |
| Ces1f | down | up | insig |
| Isg20l2 | up | down | insig |
| Dync2li1 | down | up | insig |
| Blvra | up | down | insig |
| Krt42 | up | down | insig |
| Tepp | down | up | insig |
| Fmo2 | up | down | insig |
| Wls | up | down | insig |
| Rsl1d1l1 | up | down | insig |
| Asrgl1 | down | up | insig |
| Ttl | up | down | insig |
| Nme7 | down | up | insig |
| Pde4dip | up | down | insig |