**S6 Table** – **Differences of expression in transcripts that map to both PR-locus haplotypes**: (+) upregulated and (-) downregulated.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Transcript ID****(Orsini *et al* 2016)** | **Gene Annotation** | ***D. magna* Iinb1 (res)** | ***D. magna* (Xinb3xIinb1) F1****(res)** | ***D. magna* Xinb3** **(sus)** |
| TRINITY\_DN12400\_c0\_g1\_i1 | Calcipressin | + | + | - |
| TRINITY\_DN14941\_c1\_g2\_i1 | uncharacterized | + |  | - |
| TRINITY\_DN16675\_c1\_g1\_i1 | uncharacterized | + |  | - |
| TRINITY\_DN17600\_c2\_g1\_i1 | DNA mismatch-repair protein | + | - | - |
| TRINITY\_DN18179\_c3\_g1\_i2 | uncharacterized | + |  | - |
| TRINITY\_DN18537\_c1\_g1\_i2 | uncharacterized | + |  | - |
| TRINITY\_DN19785\_c0\_g2\_i3 | Fucosyltransferase/ uncharacterized | + |  | - |
| TRINITY\_DN19785\_c0\_g2\_i4 | uncharacterized | + |  | - |
| TRINITY\_DN20075\_c1\_g1\_i1 | Sestrin | + |  | - |
| TRINITY\_DN11011\_c0\_g2\_i1 | uncharacterized | - | + | - |
| TRINITY\_DN17600\_c2\_g1\_i2 | DNA mismatch repair protein | - | - | + |
| TRINITY\_DN15336\_c3\_g1\_i2 | uncharacterized | - | - | + |
| TRINITY\_DN16606\_c1\_g1\_i1 | uncharacterized | - |  | + |
| TRINITY\_DN16606\_c1\_g1\_i2 | uncharacterized | - | - | + |
| TRINITY\_DN16752\_c1\_g1\_i1 | uncharacterized | - | - | + |
| TRINITY\_DN18179\_c2\_g1\_i4 | PC-Esterase | - |  | + |
| TRINITY\_DN18537\_c1\_g1\_i3 | uncharacterized | - | - | + |
| TRINITY\_DN19605\_c1\_g1\_i3 | uncharacterized | - | - | + |
| TRINITY\_DN19605\_c1\_g1\_i4 | uncharacterized | - |  | + |
| TRINITY\_DN19785\_c0\_g2\_i2 | Fucosyltransferase | - |  | + |
| TRINITY\_DN2903\_c0\_g1\_i1 | Methyltransferase | - | - | + |
| TRINITY\_DN18304\_c0\_g1\_i1 | Glutamate synthase |  | - | + |
| TRINITY\_DN19605\_c1\_g1\_i1 | Galactosyltransferase |  | - | + |
| TRINITY\_DN18537\_c1\_g1\_i1 | uncharacterized |  | - | + |
| TRINITY\_DN15811\_c0\_g1\_i1 | Spermine synthase |  | - | + |
| TRINITY\_DN14032\_c0\_g1\_i1 | Zinc-Finger domain |  | - | + |
| TRINITY\_DN16752\_c2\_g2\_i1 | Alpha 1,4-glycosyltransferase |  | - | + |
| TRINITY\_DN17600\_c1\_g1\_i1 | uncharacterized |  | - | + |
| TRINITY\_DN14941\_c0\_g1\_i1 | uncharacterized |  | - | + |
| TRINITY\_DN19132\_c0\_g2\_i1 | uncharacterized |  | - | + |
| TRINITY\_DN18179\_c3\_g1\_i1 | uncharacterized |  | - | + |
| TRINITY\_DN20075\_c1\_g1\_i2 | Sestrin |  | - | + |