**Supplementary Table S4**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Number of hits 2 | Number of genes3 | Misregulated mouse genes with a chicken homologue 4 | Number of genes misregulated in both species 5 | % 6 |
| Upregulated | chicken | 948 | 585 | 85 | 12  | 14 |
| mouse | 211 | 109 |
| Downregulated | chicken  | 319 | 245 | 29 | 2  | 7 |
| mouse | 65 | 46 |
| Misregulated1 | chicken | 1267 | 830 | 114 | 14 | 12 |
| mouse | 276 | 155 |