Supplementary Table 1: Reads mapped against CDS were used in the calculation. The average FPKM value of three biological replicates was used to determine the number of genes with specific range of expression shown.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| sample name | 0.5<FPKM<1 | 1<FPKM<5 | 5<FPKM<10 | 10<FPKM<100 | 100<FPKM | Total Expressed gene |
| NEC | 1773 | 5508 | 3376 | 9861 | 1336 | 21855 |
| EC | 1769 | 5548 | 3266 | 9985 | 1362 | 21930 |
| PEM1 | 1931 | 6045 | 3391 | 10321 | 1294 | 22981 |
| PEM2 | 1770 | 5660 | 3404 | 10613 | 1196 | 22642 |
| GE | 2088 | 5982 | 3181 | 8715 | 1387 | 21352 |
| HE | 2043 | 5731 | 3205 | 8966 | 1426 | 21371 |
| TE | 2013 | 5805 | 3194 | 8577 | 1379 | 20967 |
| CE | 2056 | 5919 | 3227 | 8563 | 1330 | 21095 |