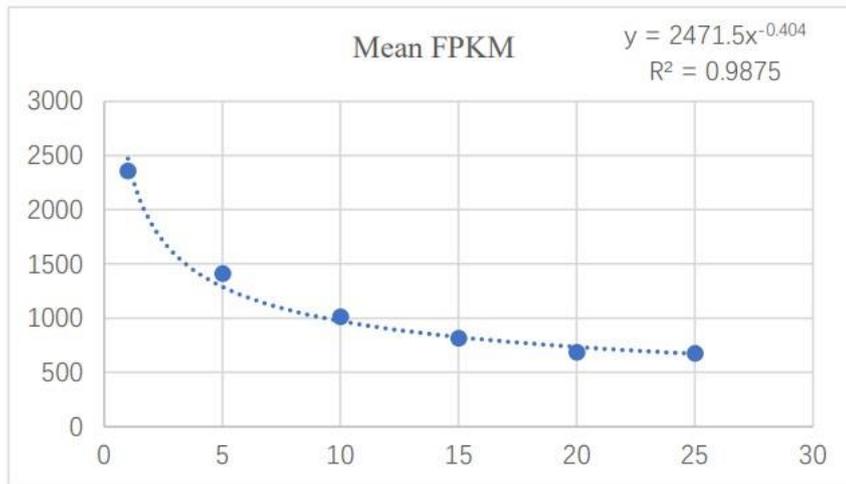


| Number of gene sets | Mean FPKM | Pooled CV |
|---------------------|-----------|-----------|
| TOP1                | 2354.432  | 0.11      |
| TOP5                | 1410.414  | 0.18      |
| TOP10               | 1011.926  | 0.18      |
| TOP15               | 814.588   | 0.17      |
| TOP20               | 685.499   | 0.16      |
| TOP25               | 679.780   | 0.14      |



**Supplementary Fig. 1** The average FPKM (Fragments Per Kilobase of transcript per Million mapped fragments) and pooled Coefficient of Variation (CV) for different numbers of gene sets (top 1, top 5, top 10, top 15, top 20 and top 25), (table on the top). The following figure depicts the average FPKM trend curve for varying numbers of gene sets.