Table S3. Richness and Shannon diversity estimates of intestinal microbiota of co-housed *Gankyrinf/f* control mice and co-housed colitis induced *Villin-Cre;Gankyrinf/f* mice

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Mice | n | Observed amount of OTUs | | | Shannon diversity | | |
|  |  | Mean | Max | Min | Mean | Max | Min |
| GKf/f | 3 | 611.2 | 674.0 | 567.2 | 4.74 | 5.45 | 4.07 |
| Villin-Cre;GKf/f | 3 | 916.5 | 998.9 | 875.1 | 6.17 | 7.04 | 5.33 |

No statistical significance was observed for the above pair for both measure (two sample *t*-test with 10,000 Monte Carlo permutations; *P*>0.05)