



**A** GO enrichment of the immune system process genes for molecular functions. **B** Venn diagram showing the number of genes with repeats. The dodgerblue colored circle represents the adaptive immune response genes a total of 722. A total of 922 innate immune response genes are represented in green4 colored circle and 823 immune system process genes having repeats by orchid colored circle. There are 47 genes which occur having repeats which are common in immune system process, adaptive immune response and innate immune response genes.