



```
GSE7313_SALMONELLA_TYPHIMURIUM_INFECTED_VS_UNINFECTED_24HPI_MESENTERIAL_LYMPH_NODE_UP
GSE7313_SALMONELLA_TYPHIMURIUM_INFECTED_VS_UNINFECTED_210PI_MESENTERIAL_LYMPH_NODE_UP
GSE7314_SALMONELLA_TYPHIMURIUM_INFECTED_VS_UNINFECTED_210PI_MESENTERIAL_LYMPH_NODE_UP
GSE7314_SALMONELLA_CHOLERAESUIS_INFECTED_VS_UNINFECTED_210PI_MESENTERIAL_LYMPH_NODE_UP
GSE7314_SALMONELLA_CHOLERAESUIS_INFECTED_VS_UNINFECTED_48HPI_MESENTERIAL_LYMPH_NODE_UP
GSE7314_SALMONELLA_CHOLERAESUIS_INFECTED_VS_UNINFECTED_48HPI_MESENTERIAL_LYMPH_NODE_UP
GSE7314_SALMONELLA_CHOLERAESUIS_INFECTED_VS_UNINFECTED_VIP_MESENTERIAL_LYMPH_NODE_UP
GSE7314_SALMONELLA_CHOLERAESUIS_INFECTED_VS_UNINFECTED_UP_INFECTION_UP
GSE7314_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE73514_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE73516_DI_VS_D0_JEJUNUM_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE73516_DI_VS_D0_COLON_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE73516_DI_VS_D0_COLON_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE73516_DI_VS_D0_ILEUM_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE73516_DI_VS_D0_ILEUM_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE73516_DI_VS_D0_ILEUM_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE73516_DI_VS_D0_ILEUM_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE73516_DI_VS_D0_ILEUM_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE73516_DI_VS_D0_ILEUM_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE73516_DI_VS_D0_ILEUM_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE73516_DI_VS_D0_ILEUM_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE7360_DI_VS_D0_ILEUM_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE7360_DI_VS_D0_ILEUM_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE7360_DI_VS_D0_ILEUM_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE7360_DI_VS_D0_ILEUM_SALMONELLA_TYPHIMURIUM_INFECTION_DN
GSE7313_SALMONELLA_TYPHIMURIUM_INFECTION_UP
GSE7313_SALMONELLA_TYPHIMURIUM_INFECTION_DN
GSE7314_SALMONELLA_TYPHIMURIUM_INFECTION_DN
GSE7314_SALMONELLA_TYPHIMURIUM_INFECTION_DN
GSE7314_SALMONELLA_TYPHIMURIUM_INFECTION_DN
GSE7315_SALMONELLA_TYPHIMURIUM_INFECTION_DN
GSE7360_DI_VS_D0_ILEUM_SALMONELLA_TYPHIMURIUM_INFECTION_DN
GSE72590_DI_VS_D0_ILEUM_SALMONELLA_TYPHIMURIUM_INFECTION_DN
G
```

BH adjusted p-value

10⁻⁹ 10⁻⁶ 10⁻³ 10⁻⁰

Additional file 2: Gene set overlap of bacterial and viral gene sets in PorSignDB. In order to see whether bacterial gene sets differed from bacterial gene sets, overlap of genes was calculated using a hypergeometric test with Benjamini-Hochberg (BH) adjusted p-values.