



**Fig. A** For all animals that died as a result of infection, the logarithm (base 10) of the time to death is approximately normally distributed with a mean of 2.01 log-hours in both Cross 1 and Cross 2. Parental strains shown on the plot were used as controls in all experiments and displayed consistent survival times with variation of less than 8 hours. Those animals in the 'survived' bin lived past the 240 hour timepoint, and were considered to be recovered.