

A

		RFRP1	RFRP2	RFRP3	
NPVF WT	MSYFALLSLALGILSSFMLSEVTALRLPLSGERDLNGFTWQGFSENAQEIPRSLEIQDFTLNVAPTSGGASS				72
NPVF Mutant	MSYFALLSLALGILSSFMLSEVTALRLPLSGERDLNGFTWQGFSENAQEIPRSLEIQDFTLNVAPTSGGASS				72
NPVF WT	PTILRLHPIIPKPAHLHANLPLRFGRDAQPGTGDRAPKSTINLPQRFGRSCTMCARSGTGPSATLPQRFGRR				144
NPVF Mutant	PTILRLHPIIPKPAHLHANLPLRFGRDAQPGTGDRALPSTSLSDLAAPVPCVHGRGPDQPFSRSGLAGGTF				144
NPVF WT	NIFALDPLRALALYTRTPESPSFPKERTQVHDYMFETVEDSEETVKNTDYTALD				198
NPVF Mutant	LL				146

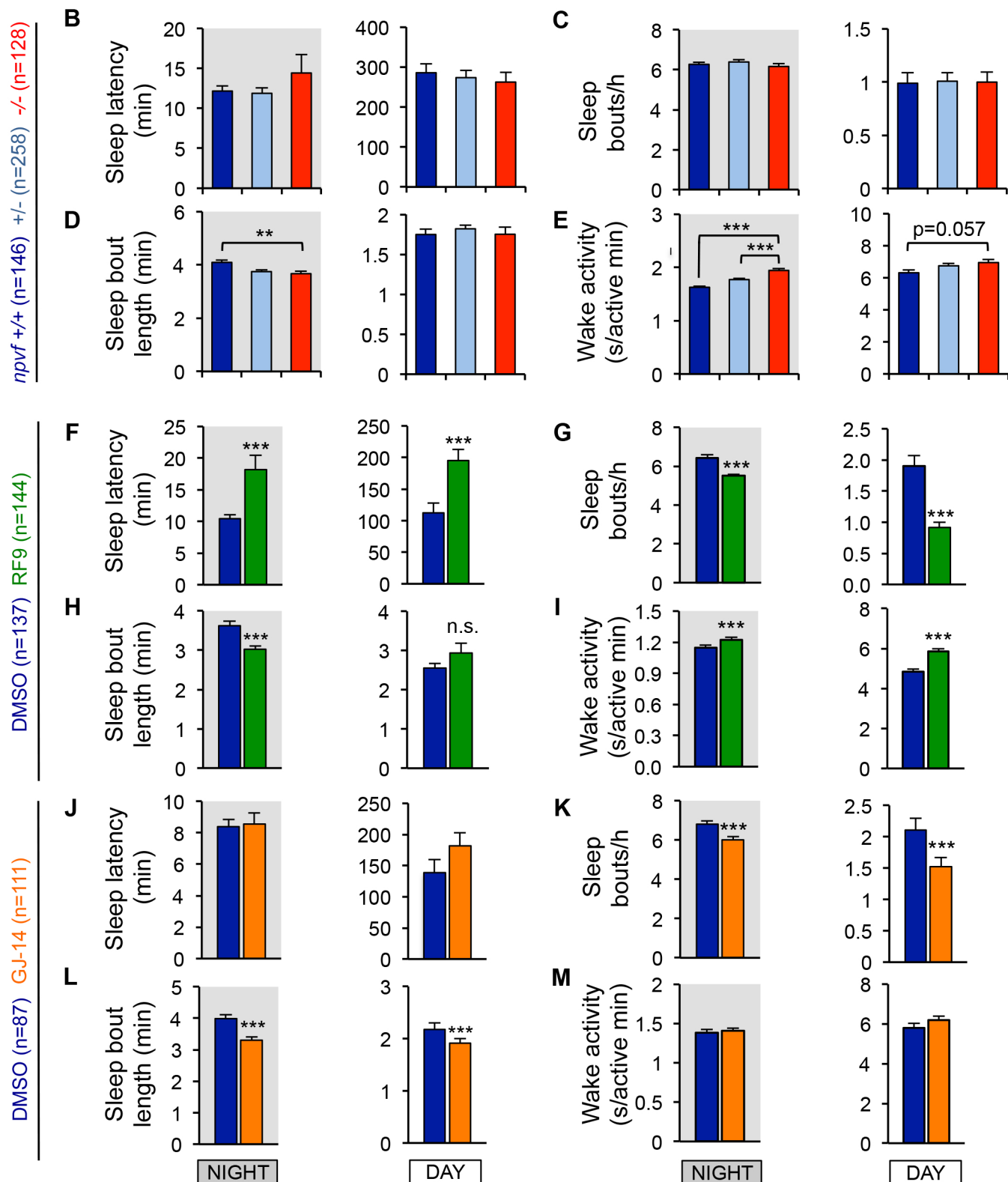


Figure 3 – Figure Supplement 1. Genetic and pharmacological inhibition of NPVF signaling alters sleep/wake architecture.