

Table S1. Summary of basic hemodynamics and activity for wild-type and *Vipr2*^{-/-} mice under entrained (LD 12:12) conditions

Period	Variable	WT	<i>Vipr2</i> ^{-/-}
24h	SAP (mm Hg)	114 ± 5	119 ± 3
	MAP (mm Hg)	103 ± 6	108 ± 3
	DAP (mm Hg)	92 ± 5	98 ± 3
	PP (mm Hg)	21.9 ± 2.4	21.5 ± 2.2
	HR (beats min ⁻¹)	516 ± 20	538 ± 12
	Inactive time (%)	27 ± 3	31 ± 3
	Mean activity (a.u.)	10.9 ± 0.9	8.8 ± 0.9
	Mean (activity >0) (a.u.)	15.3 ± 1.6	12.7 ± 1.0
Light period	SAP (mm Hg)	110 ± 5	116 ± 3
	MAP (mm Hg)	99 ± 5	106 ± 3
	DAP (mm Hg)	88.0 ± 4	95 ± 4
	PP (mm Hg)	22.2 ± 2.7	21.3 ± 2.2
	HR (beats min ⁻¹)	487 ± 14	533 ± 11*
	Inactive time (%)	40 ± 4	36 ± 4
	Mean activity (a.u.)	4.5 ± 0.7	5.6 ± 1.1
	Mean (activity >0) (a.u.)	7.2 ± 1.0	8.4 ± 1.3
Dark period	SAP (mm Hg)	119 ± 4†	122 ± 3
	MAP (mm Hg)	108 ± 6§	111 ± 3
	DAP (mm Hg)	98 ± 6¶	100 ± 3
	PP (mm Hg)	21.6 ± 2.8	21.6 ± 2.2
	HR (beats min ⁻¹)	547 ± 22†	542 ± 12‡
	Inactive time (%)	14 ± 1¶	26 ± 3**
	Mean activity (a.u.)	17.3 ± 2.1§	12.1 ± 1.2§*
	Mean (activity >0) (a.u.)	20.5 ± 2.7	16.1 ± 1.2

*P<0.05, **P<0.005, compared with WT (unpaired t-test)

†P<0.05, ‡P<0.01, §P<0.005, ¶P<0.001 compared with corresponding value in the light period (paired t-test).