

Genotype and Treatment Group	Age [weeks]	Systolic		Diastolic		Mean		Heart Rate	
		[mmHg]	SEM	[mmHg]	SEM	[mmHg]	SEM	[bpm]	SEM
WT	6	102	± 2.6	73	± 2.2	82	± 2.2	704	± 12
RBP4-KO	6	86	± 3.5 *	62	± 4.4 *	71	± 4.5 *	718	± 23
WT	12-14	101	± 3.5	76	± 2.7	84	± 3.0	732	± 9
RBP4-Tg	12-14	110	± 2.1 *	85	± 2.0 *	93	± 1.9 *	718	± 9
WT	12-14	107	± 4.7	75	± 4.0	86	± 4.2	692	± 51
WT-Ang	12-14	145	± 3.7 * † §	99	± 5.0 * †	114	± 4.5 * † §	713	± 77
RBP4-KO	12-14	93	± 1.4 * ‡ §	64	± 2.5 * ‡ §	73	± 1.9 * ‡ §	751	± 17
RBP4-KO-Ang	12-14	124	± 4.9 * † ‡	88	± 4.9 * †	100	± 4.7 * † ‡	767	± 39
WT-Chow	18	111	± 2.8	83	± 2.5	92	± 2.5	635	± 28
WT-HFD	18	119	± 4.2 * †	89	± 5.1 †	99	± 4.8 †	635	± 24
RBP4-KO-Chow	18	99	± 3.9 * ‡ §	70	± 2.8 * ‡ §	79	± 3.1 * ‡ §	657	± 18
RBP4-KO-HFD	18	110	± 3.4 †	82	± 3.5 †	92	± 3.5 †	673	± 28

### Supplementary Table

#### Tabular results of blood pressure measurements including heart rate data.

Systolic, diastolic and mean blood pressure and heart rate were measured at different ages and with different treatments in WT, RBP4-KO and RBP4-Tg mice.

\* <0.05 vs. WT-untreated with Ang or HFD

† <0.05 vs. KO-untreated with Ang or HFD

‡ <0.05 vs. WT-treated

§ <0.05 vs. KO-treated