



Fig. S1 Study flow diagram. ACEI: angiotensin-converting enzyme inhibitor; ARB: angiotensin receptor blockers.

Table S1 Differentially expressed genes between non-ARB and ARB groups

Differentially expressed genes	log ₂ (fold change*)	FDR
Decreasing trend		
ENSG00000004939	-5.76	<0.01
ENSG00000101412	-3.37	<0.01
ENSG00000244734	-4.68	<0.01
ENSG00000133742	-6.26	<0.01
ENSG00000133069	-2.51	<0.01
ENSG00000109854	-1.53	<0.01
ENSG00000158578	-5.47	<0.01
ENSG00000185909	-3.50	<0.01
ENSG0000013306	-2.91	0.01
ENSG00000105854	-3.93	0.01
ENSG00000112077	-6.06	0.01
ENSG00000115657	-1.98	0.01
ENSG00000169877	-5.39	0.01
ENSG00000204422	-7.05	0.01
ENSG00000235162	-2.03	0.01
ENSG00000206172	-5.54	0.01
ENSG00000184792	-3.32	0.01
ENSG00000029534	-2.18	0.01
ENSG00000188536	-5.52	0.01
ENSG00000112290	-2.49	0.01
ENSG00000112977	-2.09	0.01
XLOC_068134	-2.46	0.01
ENSG00000198753	-3.24	0.01
ENSG00000100003	-2.83	0.01
ENSG00000160013	-2.47	0.01
ENSG00000143416	-3.83	0.01
ENSG00000146859	-1.80	0.01
ENSG00000005961	-2.56	0.01
ENSG00000223609	-2.99	0.01
ENSG00000156587	-1.69	0.01
ENSG00000097021	-2.83	0.01
ENSG00000103316	-3.46	0.01
ENSG00000171552	-1.86	0.02
ENSG00000071051	-2.49	0.02
ENSG00000136732	-1.88	0.02
ENSG00000110799	-1.92	0.02
ENSG00000101057	-1.97	0.02
ENSG00000166963	-2.03	0.02
ENSG00000102265	-1.80	0.02
ENSG00000134590	-1.90	0.02
ENSG00000173083	-2.61	0.02

ENSG00000177697	-2.49	0.02
ENSG00000128294	-1.94	0.02
ENSG00000269711	-8.06	0.02
ENSG00000166947	-4.50	0.02
ENSG00000047597	-1.87	0.03
ENSG00000163554	-4.20	0.03
ENSG00000136908	-1.27	0.03
ENSG00000082146	-1.59	0.03
ENSG00000103148	-1.56	0.03
ENSG00000167397	-1.81	0.03
ENSG00000171161	-1.49	0.03
ENSG00000173085	-1.54	0.03
ENSG00000205639	-2.07	0.03
ENSG00000157303	-1.82	0.03
ENSG00000188191	-2.88	0.03
ENSG00000196565	-3.70	0.03
ENSG00000206549	-4.29	0.03
ENSG00000240065	-1.26	0.03
ENSG00000102145	-1.98	0.03
ENSG00000148175	-1.54	0.03
ENSG00000113732	-1.26	0.03
ENSG00000040531	-2.17	0.03
ENSG00000165899	-2.97	0.03
ENSG00000170113	-1.52	0.03
ENSG00000067057	-1.79	0.03
ENSG00000104341	-2.21	0.03
ENSG00000106366	-1.66	0.03
ENSG00000139970	-1.78	0.03
ENSG00000148346	-1.66	0.03
ENSG00000166311	-1.98	0.03
ENSG00000185614	-3.22	0.03
ENSG00000197993	-3.02	0.03
ENSG00000066926	-2.55	0.03
ENSG00000084731	-1.83	0.03
ENSG00000180596	-1.62	0.03
ENSG00000167657	-1.53	0.03
ENSG00000125257	-1.62	0.04
ENSG00000137198	-1.76	0.04
ENSG00000115457	-3.36	0.04
ENSG00000126709	-3.63	0.04
ENSG00000140553	-1.58	0.04
ENSG00000101335	-2.01	0.04
ENSG00000118508	-1.55	0.04
ENSG00000123405	-1.53	0.04

ENSG00000124098	-1.90	0.04
ENSG00000143595	-2.46	0.04
ENSG00000198356	-1.55	0.04
ENSG00000149131	-2.15	0.04
ENSG00000105329	-1.90	0.04
ENSG00000145491	-1.95	0.04
XLOC_128730	-1.96	0.04
ENSG00000087095	-1.52	0.04
ENSG00000157870	-1.76	0.04
ENSG00000178814	-4.28	0.04
ENSG00000140374	-1.52	0.04
ENSG00000168118	-1.5	0.04
ENSG00000088053	-1.89	0.04
ENSG00000154917	-1.86	0.04
ENSG00000074370	-2.22	0.05
ENSG00000075624	-1.39	0.05
ENSG00000099785	-1.87	0.05
ENSG00000107021	-1.23	0.05
ENSG00000132471	-1.58	0.05
ENSG00000134668	-2.01	0.05
ENSG00000147036	-1.83	0.05
ENSG00000225873	-1.89	0.05
ENSG00000105204	-2.11	0.05
ENSG00000107262	-1.10	0.05
ENSG00000107140	-1.34	0.05
ENSG00000161911	-1.51	0.05
ENSG00000081181	-1.69	0.05
ENSG00000090889	-2.82	0.05
ENSG00000100243	-2.01	0.05
Increasing trend		
XLOC_098091	3.03	<0.01
ENSG00000279119	3.35	0.01
ENSG00000148082	6.17	0.01
ENSG00000101695	1.81	0.02
ENSG00000101665	1.86	0.03
ENSG00000125945	1.97	0.03
ENSG00000164219	1.10	0.03
XLOC_030977	2.73	0.04
ENSG00000082515	1.11	0.04
ENSG00000162817	2.40	0.05
ENSG00000181690	1.63	0.05

*: Fold change was calculated by comparing ARB group with non-ARB group.