Arg1-Con

Correlations female Arg1-Con and male Arg1-Con mice		Lung function												mRNA expression																Protein Expression									Histology		Plasma [AA]			
		Rn max sal	Rn max 3.1	Rn max 12.5	Rn max 50	H max sal	H max 3.1	H max 12.5	H max 50	G max sal	G max 3.1	G max 12.5	G max 50	*Slc7a7*	*Slc7a1*	*Slc7a2b*	*Arg1*	*Arg2*	*Nos2*	*Il4*	*Il13*	*Il5*	*Ccl11*	*Il10*	*Ccl2*	*Muc5ac*	*Clc3a*	*Tnfa*	*Ifng*	ARG1	IL4	IL13	IL5	CCL11	TNFα	IL10	IFNγ	Ige OVA	MBP	MPO	[Arg]	[Cit]	[Orn]	Σ[AA]
Lung function	Rn max sal		0.771	0.61	0.284	0.676	0.535	0.658	0.395	0.675	0.706	0.68	0.606	-0.03	0.38	0.123	0.246	0.118	-0.04	0.48	0.446	0.214	0.337	0.272	0.293	0.432	0.506	0.476	0.048	0.24	0.119	-0.1	0.171	0.169	0.074	-0.31	0.125	-0.01	0.063	0.29	-0.38	-0.22	0.383	-0.18
	Rn max 3.1	.453		0.832	0.338	0.473	0.374	0.407	0.3	0.547	0.65	0.548	0.682	0.247	0.603	0.145	0.386	0.204	0.107	0.355	0.372	0.269	0.369	0.449	0.346	0.512	0.384	0.57	0.146	0.036	0.049	-0.15	0.077	0.051	-0.07	-0.24	-0.02	0.147	-0.03	0.569	-0.21	-0.13	0.077	-0.33
	Rn max 12.5	.481	.730		0.792	0.532	0.393	0.466	0.672	0.546	0.656	0.743	0.921	0.307	0.491	0.256	0.535	0.36	0.222	0.531	0.349	0.359	0.428	0.539	0.453	0.615	0.429	0.642	0.048	0.62	0.251	-0.05	0.236	0.252	0.185	-0.31	0.186	0.249	-0.03	0.481	-0.26	-0.06	0.107	-0.39
	Rn max 50	.726	.625	.780		0.836	0.672	0.79	0.826	0.624	0.817	0.832	0.895	0.263	0.235	0.358	0.605	0.493	0.509	0.76	0.31	0.412	0.364	0.45	0.441	0.526	0.397	0.57	-0.29	0.915	0.46	0.084	0.323	0.461	0.824	-0.33	0.379	-0.04	0.111	0.423	-0.26	0.014	0.119	0.153
	H max sal	.487	.434	.461	.453		0.806	0.941	0.877	0.905	0.873	0.892	0.898	0.051	0.459	0.229	0.466	0.277	0.266	0.915	0.567	0.343	0.375	0.452	0.469	0.588	0.606	0.664	-0.27	0.63	0.484	0.078	0.31	0.521	0.589	-0.48	0.393	0.421	0.125	0.517	-0.28	-0.05	0.467	0.179
	H max 3.1	.383	.359	.521	.374	0.914		0.814	0.749	0.894	0.882	0.853	0.926	-0.04	0.329	0.416	0.48	0.313	0.287	0.74	0.777	0.568	0.303	0.457	0.401	0.434	0.425	0.344	-0.37	0.781	0.316	0.4	0.418	0.61	0.491	0.099	0.109	-0.53	0.369	0.266	-0.11	-0.13	0.302	0.262
	H max 12.5	.390	.387	.673	.456	0.765	0.932		0.972	0.882	0.842	0.862	0.844	-0.21	0.178	0.025	0.237	0.012	0.066	0.846	0.373	0.161	0.11	0.226	0.213	0.357	0.391	0.603	-0.48	0.606	0.544	0.321	0.493	0.63	0.507	-0.23	0.494	0.364	0.111	0.258	-0.17	-0.03	0.494	0.206
	H max 50	.419	.307	.700	.677	.635	.656	.735		0.77	0.711	0.865	0.832	0.185	0.183	0.382	0.569	0.456	0.354	0.869	0.414	0.473	0.44	0.529	0.527	0.573	0.483	0.614	-0.26	0.887	0.531	0.395	0.608	0.737	0.523	-0.18	0.467	0.324	0.221	0.331	-0.42	-0.09	0.449	-0.21
	G max sal	.160	.282	.186	.013	.707	.584	.390	.302		0.844	0.822	0.81	-0.07	0.395	0.115	0.36	0.18	0.036	0.765	0.545	0.334	0.249	0.422	0.374	0.463	0.402	0.513	-0.38	0.726	0.432	0.233	0.394	0.537	0.264	-0.36	0.388	0.331	-0.16	0.444	-0.14	0.028	0.327	0.203
	G max 3.1	.043	.550	.415	.098	.732	.768	.654	.338	.759		0.912	0.92	0.004	0.531	0.106	0.374	0.185	0.124	0.642	0.384	0.289	0.192	0.369	0.318	0.478	0.393	0.648	-0.32	0.531	0.151	-0.08	0.074	0.186	0.433	-0.36	0.135	0.6	-0.02	0.452	-0.03	0.105	0.08	0.111
	G max 12.5	.369	.564	.793	.476	.631	.738	.849	.727	.449	.660		0.951	0.048	0.378	0.233	0.469	0.309	0.17	0.718	0.415	0.391	0.312	0.437	0.429	0.57	0.507	0.636	-0.27	0.818	0.35	-0.01	0.227	0.351	0.518	-0.44	0.361	0.674	0.029	0.367	-0.2	0.02	0.234	0.002
	G max 50	.216	.312	.686	.455	.332	.497	.699	.742	.075	.304	.843		0.46	0.561	0.508	0.739	0.623	0.408	0.751	0.536	0.627	0.538	0.706	0.642	0.744	0.566	0.759	0.052	0.981	0.353	-0.07	0.173	0.334	0.481	-0.52	0.314	0.517	0.042	0.533	-0.27	0.054	0.119	-0.32
mRNA expression	*Slc7a7*	.216	.205	.012	.103	.378	.103	-.067	.064	.552	.193	.047	-.358		0.89	0.581	0.718	0.804	0.713	0.685	0.564	0.547	0.708	0.734	0.73	0.68	0.56	0.795	0.728	-0.21	-0.09	-0.42	-0.3	-0.12	0.146	-0.48	-0.36	0.26	0.049	0.486	-0.22	-0.05	-0.08	-0.27
	Slc7a1	-.031	-.033	-.163	-.146	.295	.005	-.247	-.006	.654	.272	-.104	-.454	0.843		0.523	0.734	0.756	0.62	0.687	0.595	0.559	0.733	0.805	0.777	0.794	0.665	0.878	0.717	-0.2	-0.24	-0.38	-0.29	-0.14	0.009	-0.38	-0.41	0.241	0.098	0.653	-0.09	0.117	-0.04	-0.17
	Slc7a2b	.633	.394	.167	.293	.704	.550	.442	.352	.449	.357	.269	.063	.394	.251		0.879	0.895	0.717	0.766	0.955	0.963	0.792	0.833	0.809	0.653	0.637	0.405	0.391	0.555	0.193	0.055	0.033	0.37	0.448	-0.16	0.024	-0.59	0.633	0.398	-0.39	-0.17	0.191	-0.17
	Arg1	.745	.538	.295	.472	.453	.297	.282	.273	.139	.058	.343	.127	.434	.175	.759		0.913	0.842	0.933	0.888	0.905	0.818	0.951	0.896	0.787	0.688	0.714	0.389	0.668	0.308	-0.03	0.014	0.336	0.519	-0.32	0.078	-0.19	0.397	0.634	-0.31	-0.02	0.182	-0.11
	Arg2	.737	.501	.225	.445	.619	.409	.286	.309	.377	.163	.147	-.066	.546	.336	.898	.749		0.727	0.935	0.9	0.878	0.887	0.9	0.931	0.777	0.7	0.598	0.563	0.297	0.089	-0.13	-0.04	0.224	0.399	-0.36	-0.11	-0.29	0.245	0.517	-0.34	-0.06	0.021	-0.2
	Nos2	.547	.362	.196	.336	.635	.495	.455	.336	.248	.249	.363	.064	.520	.226	.779	.857	.690		0.773	0.642	0.696	0.583	0.715	0.651	0.543	0.498	0.713	0.38	0.565	0.286	-0.13	-0.11	0.192	0.62	-0.29	0.029	-0.02	0.432	0.462	-0.21	0.042	0.139	0.125
	Il4	.573	.383	.273	.255	.785	.723	.719	.499	.515	.538	.628	.573	.159	.087	.975	.651	.850	.682		0.797	0.788	0.839	0.857	0.904	0.793	0.765	0.709	0.345	0.921	0.486	0.075	0.466	0.671	0.605	-0.41	0.291	0.029	0.155	0.651	-0.47	-0.07	0.421	0.027
	Il13	.397	.243	.222	.155	.725	.662	.674	.520	.542	.551	.632	.617	.226	.182	.922	.534	.746	.621	.960		0.982	0.865	0.894	0.876	0.726	0.72	0.428	0.381	0.707	0.204	0.143	0.16	0.439	0.322	-0.13	0.009	-0.49	0.553	0.496	-0.43	-0.22	0.304	-0.12
	Il5	.463	.388	.100	.034	.682	.675	.680	.274	.484	.604	.596	.303	.299	.112	.883	.664	.702	.749	.862	.825		0.8	0.879	0.838	0.674	0.623	0.428	0.312	0.636	0.231	0.188	0.155	0.449	0.411	-0.05	0.017	-0.6	0.577	0.466	-0.34	-0.17	0.193	-0.13
	Ccl11	.453	.269	.134	.182	.735	.580	.484	.411	.522	.467	.412	.127	.521	.372	.885	.759	.715	.906	.872	.873	.843		0.855	0.949	0.887	0.886	0.62	0.588	0.596	0.129	-0.11	0.154	0.352	0.27	-0.47	0.029	-0.11	0.399	0.685	-0.61	-0.27	0.316	-0.36
	Il10	.506	.367	.456	.462	.609	.507	.622	.607	.303	.223	.622	.721	.470	.240	.816	.689	.711	.812	.754	.753	.624	.857		0.946	0.852	0.723	0.689	0.448	0.686	0.163	0.038	0.04	0.336	0.261	-0.25	-0.05	0.032	0.327	0.666	-0.31	-0.03	0.173	-0.22
	Ccl2	.441	.309	.313	.324	.516	.302	.236	.560	.495	.273	.392	.276	.476	.501	.709	.622	.626	.566	.709	.778	.463	.772	.725		0.893	0.838	0.662	0.531	0.639	0.14	-0.03	0.064	0.332	0.294	-0.37	-0.02	-0.02	0.315	0.681	-0.44	-0.11	0.223	-0.25
	Muc5ac	.341	.254	.193	.299	.547	.404	.385	.573	.387	.316	.437	.251	.522	.398	.632	.708	.483	.828	.591	.585	.603	.845	.802	.681		0.928	0.744	0.396	0.696	0.044	-0.18	0.134	0.327	0.234	-0.55	-0.03	0.406	0.35	0.765	-0.54	-0.17	0.321	-0.34
	Clc3a	.462	.326	.198	.294	.606	.457	.417	.532	.424	.353	.453	.240	.516	.375	.768	.818	.615	.882	.735	.709	.747	.918	.835	.741	.972		0.665	0.416	0.668	0.075	-0.22	0.134	0.33	0.288	-0.62	0.063	0.265	0.501	0.655	-0.69	-0.27	0.521	-0.3
	Tnfa	.026	.160	.241	.166	.245	.174	.241	.443	.316	.226	.421	.389	.586	.556	.189	.177	.262	.276	.085	.293	.315	.288	.347	.298	.482	.423		0.617	0.103	0.093	-0.33	-0.01	0.191	0.277	-0.46	-0.02	0.718	0.206	0.571	-0.31	0.127	0.355	-0.19
	Ifng	-.169	-.251	-.385	-.242	-.237	-.448	-.642	-.462	.201	-.240	-.517	-.676	.607	.666	-.249	-.146	.039	-.214	-.630	-.545	-.472	-.243	-.413	-.109	-.186	-.218	.209		-0.72	-0.39	-0.49	-0.49	-0.42	-0.26	-0.27	-0.51	0.137	0.043	0.239	-0.2	-0.04	-0.1	-0.38
Protein Expression	ARG1	.384	.132	.050	.138	.651	.753	.952	.441	-.259	.226	.634	.501	.016	-.631	.660	.775	.430	.977	.595	.656	.764	.934	.721	.437	.837	.919	.335	-.869		0.547	0.724	0.744	0.889	0.968	0.287	0.342	-0.91	0.866	0.653	-0.64	-0.53	0.59	0.259
	IL4	.285	.253	.317	.326	.450	.367	.467	.588	.376	.296	.495	.659	.243	.174	.678	.400	.472	.535	.681	.751	.506	.726	.822	.726	.729	.723	.245	-.567	.611		0.415	0.447	0.588	0.645	-0.15	0.817	-0.26	0.097	0.351	-0.38	-0.36	0.483	0.053
	IL13	.591	.594	.528	.505	.709	.656	.761	.749	.477	.486	.786	.742	.352	.171	.770	.561	.633	.690	.747	.762	.752	.778	.773	.637	.738	.776	.385	-.551	.855	.807		0.673	0.701	0.008	0.677	0.307	-0.16	0.263	-0.05	-0.07	-0.23	0.247	-0.1
	IL5	.226	.266	.273	.136	.794	.761	.716	.611	.738	.789	.680	.633	.261	.364	.724	.248	.538	.424	.821	.900	.647	.742	.568	.717	.472	.544	.207	-.485	.478	.681	.703		0.897	0.149	0.12	0.512	0.027	0.221	0.021	-0.54	-0.38	0.557	-0.22
	CCL11	.398	.385	.422	.370	.758	.723	.822	.724	.414	.518	.731	.790	.326	.159	.824	.493	.667	.738	.818	.881	.712	.870	.853	.694	.697	.738	.329	-.674	.863	.795	.844	.826		0.377	0.043	0.599	-0.02	0.486	0.207	-0.61	-0.32	0.669	-0.16
	TNFα	.632	.555	.423	.428	.627	.582	.678	.625	.380	.375	.609	.671	.259	.086	.902	.621	.810	.639	.867	.852	.824	.753	.791	.622	.634	.730	.373	-.559	.699	.757	.891	.673	.826		-0.37	0.581	-0.43	0.313	0.289	-0.29	-0.04	0.223	0.296
	IL10	.441	.372	.331	.479	.138	.147	.284	.299	-.037	-.029	.211	.315	-.188	-.415	.275	.167	.192	.194	.342	.289	.246	.168	.209	.078	.181	.198	-.133	-.464	.696	.508	.572	.152	.287	.467		-0.28	-0.35	0.142	-0.48	0.475	0.003	-0.35	0.117
	IFNγ	-.122	-.157	-.012	.206	-.274	-.256	-.079	.268	-.356	-.377	-.136	.232	-.136	-.260	-.072	-.064	-.125	.057	-.067	.003	-.153	-.005	.198	-.005	.330	.192	.196	-.299	.440	.473	.217	-.126	.182	.199	.458		-0.11	0.182	0.207	-0.45	-0.11	0.592	-0.09
	Ige OVA	.121	.680	.705	-.010	-.077	.111	.301	.121	.202	.335	.693	.292	.822	.620	.286	.739	.241	.429	.266	.200	.336	.845	.196	.646	.649	.851	.308	.856	.277	.049	.315	-.051	-.569	.155	-.398	-.305		-0.32	0.221	-0.21	0.377	0.331	-0.37
Histology	MBP	.818	.735	.547	.647	.914	.816	.686	.754	.191	.411	.622	.464	.205	.043	.709	.812	.621	.781	.741	.643	.668	.753	.876	.701	.756	.781	.121	-.462	.933	.708	.857	.799	.917	.758	.259	-.010	-.573		0.222	-0.53	-0.43	0.556	-0.26
	MPO	.594	.556	.417	.437	.621	.543	.506	.639	.124	.250	.435	.185	.322	.156	.492	.504	.441	.613	.368	.390	.538	.553	.613	.455	.605	.585	.416	-.229	.997	.565	.882	.578	.835	.696	.435	.317	-.030	.760		-0.34	-0.21	0.133	-0.22
Plasma [AA]	[Arg]	-.181	-.187	-.152	-.062	-.519	-.455	-.391	-.274	-.462	-.447	-.442	-.082	-.431	-.253	-.271	-.324	-.201	-.554	-.211	-.263	-.306	-.565	-.286	-.388	-.496	-.477	-.023	.034	-.536	-.281	-.430	-.403	-.422	-.110	-.110	.118	-.158	-.439	-.405		0.618	-0.72	0.488
	[Cit]	.147	-.004	-.242	-.178	-.140	-.288	-.366	-.229	.077	-.180	-.101	-.238	.435	.441	.067	.446	.142	.196	.020	-.035	.203	.128	.047	.170	.382	.395	.411	.387	-.283	-.097	.058	-.203	-.203	.104	-.213	-.032	.061	.047	.050	.153		-0.32	0.341
	[Orn]	-.384	-.066	-.172	-.289	-.054	-.062	-.100	-.162	.043	.193	-.131	-.208	.148	.230	.053	-.024	-.061	.082	-.056	-.065	.113	.133	.024	.028	.229	.171	-.050	-.088	.223	.336	.028	.164	.268	.075	-.181	.352	.183	.297	.173	-.013	-.015		-0.18
	Σ[AA]	-.276	.032	-.141	-.263	-.414	-.311	-.267	-.300	-.261	-.064	-.199	-.127	-.321	-.180	-.308	-.200	-.395	-.333	-.275	-.394	-.189	-.362	-.374	-.352	-.194	-.223	-.290	-.193	-.296	-.188	-.267	-.407	-.440	-.221	-.004	.188	.461	-.141	-.182	.335	.187	.661	

Arg1-Con