

Supplementary Information Table S1 Seventy-seven SNVs associated with eGFR in T2D and their functional annotation

SNP	Chr	Position	EA	NEA	EA FRQ	β	SE	P	Gene(s)	Tissue	Beta	<i>P</i>
rs112704047	13	35434160	A	G	0.190	7.111	1.258	2.093E-08	no hit			
rs7321088	13	35434434	A	G	0.195	6.903	1.230	2.667E-08	no hit			
rs6562653	13	35434797	C	T	0.197	6.917	1.212	1.541E-08	no hit			
rs1323954	13	35435049	C	A	0.197	6.915	1.212	1.564E-08	no hit			
rs1323955	13	35435176	T	C	0.197	6.918	1.212	1.541E-08	no hit			
rs1323956	13	35435190	T	C	0.197	6.918	1.212	1.537E-08	no hit			
rs9599756	13	35435744	C	T	0.197	6.917	1.212	1.552E-08	no hit			
rs10492726	13	35436375	G	T	0.197	6.918	1.212	1.553E-08	no hit			
rs9599757	13	35437110	G	A	0.197	6.918	1.212	1.568E-08	no hit			
rs71665258	13	35437286	CAA	C	0.197	6.928	1.214	1.559E-08	no hit			
rs7335483	13	35437521	T	C	0.192	7.104	1.229	1.025E-08	no hit			
rs79258222	13	35437731	T	C	0.192	7.103	1.229	1.027E-08	no hit			
rs6562656	13	35438415	G	T	0.197	6.917	1.213	1.584E-08	no hit			
rs6562657	13	35438443	C	T	0.197	6.919	1.213	1.576E-08	no hit			
rs6562658	13	35438481	G	A	0.197	6.919	1.213	1.577E-08	no hit			
rs6562659	13	35438483	G	C	0.198	6.939	1.214	1.467E-08	no hit			
rs9599762	13	35438754	C	G	0.197	6.918	1.213	1.588E-08	no hit			
			TAAAT									
			AAACA									
rs141661188	13	35439498	AATA	T	0.197	6.919	1.213	1.587E-08	no hit			

rs77176728	13	35439902	A	T	0.192	7.096	1.230	1.078E-08	no hit				
rs138393876	13	35440159	G	GA	0.197	6.920	1.213	1.586E-08	no hit				
rs7332409	13	35440255	C	T	0.197	6.918	1.213	1.601E-08	no hit				
rs61013651	13	35440440	C	G	0.197	6.944	1.215	1.476E-08	no hit				
rs9599763	13	35440514	A	G	0.198	6.926	1.214	1.557E-08	no hit				
rs74869809	13	35440518	C	T	0.193	7.095	1.228	1.028E-08	no hit				
rs75067105	13	35441155	T	C	0.192	7.047	1.235	1.557E-08	no hit				
rs76842588	13	35441234	A	G	0.193	7.089	1.229	1.083E-08	no hit				
rs77490748	13	35441250	A	T	0.193	7.088	1.229	1.093E-08	no hit				
rs7981147	13	35442052	C	A	0.193	7.078	1.228	1.134E-08	no hit				
rs8002646	13	35442136	T	C	0.193	7.077	1.228	1.137E-08	no hit				
rs7985921	13	35442181	C	T	0.193	7.076	1.228	1.148E-08	no hit				
rs7990933	13	35442534	C	T	0.193	7.073	1.228	1.157E-08	no hit				
rs79340575	13	35442550	T	C	0.193	7.075	1.230	1.198E-08	no hit				
rs77084986	13	35442922	T	A	0.193	7.067	1.228	1.186E-08	no hit				
rs148535910	13	35443822	T	TC	0.193	7.057	1.228	1.228E-08	no hit				
rs79234835	13	35444143	C	CA	0.193	7.051	1.228	1.260E-08	no hit				
rs78009909	13	35444621	A	G	0.193	7.044	1.227	1.287E-08	no hit				
rs76327887	13	35444994	A	G	0.194	7.028	1.226	1.361E-08	no hit				
rs79986759	13	35447461	G	A	0.195	6.822	1.221	3.037E-08	NBEA	Artery - Tibial	0.53	2.2E-05	
rs74575233	13	35447752	T	C	0.196	6.808	1.220	3.171E-08	NBEA	Artery - Tibial	0.59	7.6E-06	
rs79701261	13	35449167	A	G	0.196	6.784	1.218	3.356E-08	NBEA	Artery - Tibial	0.66	3.0E-06	
rs77273370	13	35449966	T	C	0.196	6.780	1.217	3.358E-08	NBEA	Artery - Tibial	0.59	7.8E-06	

rs78565602	13	35449986	T	A	0.196	6.779	1.217	3.359E-08	NBEA	Artery - Tibial	0.59	7.6E-06
rs139243008	13	35450063	C	A	0.196	6.779	1.217	3.354E-08	NBEA	Artery - Tibial	0.59	7.6E-06
rs143794932	13	35450075	G	A	0.196	6.779	1.217	3.354E-08	NBEA	Artery - Tibial	0.57	4.3E-05
rs76718849	13	35450591	A	T	0.196	6.778	1.217	3.351E-08	NBEA	Artery - Tibial	0.59	7.6E-06
rs77941208	13	35451176	T	C	0.196	6.776	1.217	3.349E-08	NBEA	Artery - Tibial	0.59	7.8E-06
rs74049177	13	35451214	T	C	0.196	6.769	1.216	3.377E-08	no hit			
rs78852086	13	35451478	A	G	0.196	6.776	1.217	3.363E-08	NBEA	Artery - Tibial	0.66	3.0E-06
rs77573469	13	35451489	T	G	0.196	6.776	1.217	3.365E-08	NBEA	Artery - Tibial	0.59	7.6E-06
rs76112805	13	35451557	G	A	0.196	6.776	1.217	3.370E-08	NBEA	Artery - Tibial	0.59	7.6E-06
rs77183234	13	35451600	G	A	0.196	6.776	1.217	3.374E-08	NBEA	Artery - Tibial	0.59	7.6E-06
rs79894408	13	35451746	G	A	0.196	6.776	1.217	3.382E-08	NBEA	Artery - Tibial	0.59	7.6E-06
rs74242315	13	35451775	A	G	0.196	6.776	1.217	3.382E-08	NBEA	Artery - Tibial	0.59	7.6E-06
rs146196432	13	35452275	T	C	0.196	6.776	1.217	3.410E-08	NBEA	Artery - Tibial	0.59	7.6E-06
rs139148986	13	35452426	T	C	0.196	6.775	1.217	3.421E-08	NBEA	Artery - Tibial	0.59	8.6E-06
rs79309340	13	35452496	G	A	0.196	6.776	1.217	3.416E-08	NBEA	Artery - Tibial	0.59	9.6E-07
rs76877303	13	35452844	T	C	0.196	6.775	1.217	3.445E-08	NBEA	Artery - Tibial	0.59	7.1E-06
rs76310123	13	35453585	C	T	0.196	6.786	1.218	3.361E-08	NBEA	Artery - Tibial	0.59	7.6E-06
rs74790560	13	35453595	C	T	0.196	6.786	1.218	3.364E-08	NBEA	Artery - Tibial	0.59	7.6E-06
rs1112481	13	35454313	T	C	0.197	6.758	1.217	3.657E-08	no hit			
rs73489095	13	35454747	C	A	0.197	6.767	1.218	3.625E-08	NBEA	Artery - Tibial	0.50	3.7E-06
										Cells -		
										Transformed		
"	"	"	"	"	"	"	"	"	NBEA	fibroblasts	0.42	1.8E-05

rs73489097	13	35455849	C	T	0.197	6.753	1.217	3.772E-08	NBEA	Artery - Tibial	0.49	4.8E-06
rs79489516	13	35456359	C	T	0.197	6.769	1.218	3.619E-08	NBEA	Artery - Tibial	0.59	7.6E-06
rs78032451	13	35457352	A	G	0.197	6.764	1.219	3.723E-08	NBEA	Artery - Tibial	0.59	7.6E-06
rs142357499	13	35459981	A	G	0.207	6.710	1.212	4.032E-08	no hit			
rs74216748	13	35460213	T	G	0.197	6.753	1.219	3.935E-08	NBEA	Artery - Tibial	0.73	1.2E-06
rs55917089	13	35460547	G	A	0.198	6.735	1.216	3.959E-08	no hit			
rs76875867	13	35460690	C	T	0.197	6.749	1.219	3.989E-08	NBEA	Artery - Tibial	0.73	9.6E-07
rs547216413	13	35461562	ATT	A	0.197	6.732	1.222	4.661E-08	no hit			
rs57475148	13	35462166	G	A	0.199	6.734	1.216	4.047E-08	no hit			
rs56369664	13	35462218	C	T	0.198	6.728	1.216	4.063E-08	no hit			
rs55696052	13	35462380	G	A	0.199	6.722	1.216	4.230E-08	no hit			
rs76013341	13	35462842	G	A	0.198	6.741	1.218	4.128E-08	NBEA	Artery - Tibial	0.73	9.6E-07
rs74386100	13	35463453	A	G	0.198	6.739	1.218	4.151E-08	NBEA	Artery - Tibial	0.73	9.6E-07
rs75330449	13	35463673	A	G	0.198	6.730	1.219	4.393E-08	NBEA	Artery - Tibial	0.73	9.6E-07
rs74049180	13	35464474	T	C	0.199	6.709	1.216	4.483E-08	no hit			
										Muscle -		
rs55707703	13	35465237	G	A	0.200	6.716	1.217	4.467E-08	NBEA	Skeletal	0.24	1.4E-05

Seventy-seven SNVs upstream of the NBEA gene that were significantly associated with eGFR in participants with T2D with $P < 5E-08$, and their

functional annotation. T2D=type 2 diabetes mellitus, SNV=single nucleotide variant, Chr=chromosome, Position=chromosomal position

(GRCh37/hg19), EA=effect allele, NEA=non-effect allele, FRQ=frequency, β =regression coefficient for EA.