

Supplementary Table S8.

Tissues for which rs174556 is a significant cis-eQTL, version 6 GTEx, ranked by p-value.

Gencode Id	Gene Symbol	P-Value	Effect Size	Tissue
ENSG00000134824.9	<i>FADS2</i>	6.3 x 10 ⁻³²	0.81	Whole Blood
ENSG00000149485.12	<i>FADS1</i>	1.2 x 10 ⁻¹⁸	-0.79	Pancreas
ENSG00000134824.9	<i>FADS2</i>	3.1 x 10 ⁻¹⁴	0.57	Esophagus Muscularis
ENSG00000134824.9	<i>FADS2</i>	2.5 x 10 ⁻¹³	0.27	Fibroblasts
ENSG00000134824.9	<i>FADS2</i>	3.9 x 10 ⁻¹³	0.42	Colon Transverse
ENSG00000149485.12	<i>FADS1</i>	1.8 x 10 ⁻¹²	-0.73	Brain Cerebellum
ENSG00000149485.12	<i>FADS1</i>	1.0 x 10 ⁻¹¹	-0.42	Nerve Tibial
ENSG00000134824.9	<i>FADS2</i>	2.7 x 10 ⁻¹¹	0.43	Thyroid
ENSG00000134824.9	<i>FADS2</i>	4.1 x 10 ⁻¹¹	1.1	Spleen
ENSG00000149485.12	<i>FADS1</i>	1.2 x 10 ⁻¹⁰	-0.43	Esophagus Mucosa
ENSG00000149485.12	<i>FADS1</i>	1.6 x 10 ⁻⁹	-0.4	Stomach
ENSG00000134824.9	<i>FADS2</i>	1.7 x 10 ⁻⁹	0.41	Heart LV
ENSG00000149485.12	<i>FADS1</i>	5.1 x 10 ⁻⁹	-0.23	Muscle Skeletal
ENSG00000134824.9	<i>FADS2</i>	3.1 x 10 ⁻⁸	0.82	Small Intestine
ENSG00000134824.9	<i>FADS2</i>	3.7 x 10 ⁻⁸	0.39	Aorta
ENSG00000134824.9	<i>FADS2</i>	1.1 x 10 ⁻⁷	0.37	Nerve Tibial
ENSG00000134825.9	<i>TMEM258</i>	1.8 x 10 ⁻⁷	0.2	Skin Sun Exposed
ENSG00000134824.9	<i>FADS2</i>	2.2 x 10 ⁻⁷	0.26	Muscle Skeletal
ENSG00000149485.12	<i>FADS1</i>	2.4 x 10 ⁻⁷	-0.57	Brain CerebHemi
ENSG00000134824.9	<i>FADS2</i>	5.5 x 10 ⁻⁷	0.51	Esophagus GJ
ENSG00000134824.9	<i>FADS2</i>	1.2 x 10 ⁻⁶	0.52	Colon Sigmoid
ENSG00000134824.9	<i>FADS2</i>	1.6 x 10 ⁻⁶	0.25	Artery Tibial
ENSG00000149485.12	<i>FADS1</i>	1.7 x 10 ⁻⁶	-0.28	Thyroid
ENSG00000221968.4	<i>FADS3</i>	2.4 x 10 ⁻⁶	-0.44	Brain Cerebellum

ENSG00000124915.6	<i>RP11-467L20.10</i>	2.6×10^{-6}	-0.69	Liver
ENSG00000134825.9	<i>TMEM258</i>	4.1×10^{-6}	0.16	Artery Tibial
ENSG00000149485.12	<i>FADSI</i>	6.1×10^{-6}	-0.33	Testis
ENSG00000134824.9	<i>FADS2</i>	7.4×10^{-6}	0.33	Heart Atrial
ENSG00000134825.9	<i>TMEM258</i>	9.9×10^{-6}	0.16	Whole Blood
ENSG00000149485.12	<i>FADSI</i>	1.2×10^{-5}	-0.25	Heart LV
ENSG00000149485.12	<i>FADSI</i>	4.3×10^{-5}	-0.22	Artery Tibial
ENSG00000134825.9	<i>TMEM258</i>	4.9×10^{-5}	0.13	Fibroblasts
ENSG00000134824.9	<i>FADS2</i>	5.3×10^{-5}	0.22	Lung
ENSG00000134825.9	<i>TMEM258</i>	6.4×10^{-5}	0.15	Adipose Sub
ENSG00000134780.5	<i>DAGLA</i>	8.4×10^{-5}	-0.14	Fibroblasts
ENSG00000134825.9	<i>TMEM258</i>	8.9×10^{-5}	0.17	Nerve Tibial

Tissue abbreviations: Fibroblasts: Cells - Transformed fibroblasts; Esophagus GJ: Esophagus - Gastroesophageal Junction; Heart Atrial: Heart - Atrial Appendage; Heart LV: Heart - Left Ventricle; Brain CerebHemi: Brain - Cerebellar Hemisphere; Skin Sun Exposed: Skin – Sun Exposed (Lower leg); Small Intestine: Small Intestine - Terminal Ileum.