

Original “Tissue Wide” Expression

Adipose

id	g1	g2	g3	...	g20K
id1	0.1	0.1	0.2		3.2
id2	1.1	3.1	1.2		4.3
id3	1.2	2.0	2.1		2.1
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
idn	1.2	2.2	3.1		2.1

Brain

id	g1	g2	g3	...	g20K
id1	0.1	0.1	0.2		3.2
id2	2.2	1.7	1.2		4.1
id3	1.3	2.0	1.7		2.1
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
idn	1.2	2.2	3.1		2.1

⋮

Whole Blood

id	g1	g2	g3	...	g20K
id1	0.1	0.1	0.2		3.2
id2	2.2	1.7	1.2		4.1
id3	1.3	2.0	1.7		2.1
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
idn	1.2	2.2	3.1		2.1

Derived “Cross Tissue” Expression

Cross Tissue

id	g1	g2	g3	...	g20K
id1	0.1	0.1	0.2		3.2
id2	2.2	1.7	1.2		4.1
id3	1.3	2.0	1.7		2.1
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
idn	1.2	2.2	3.1		2.1

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Derived “Tissue Specific” Expression

Adipose

id	g1	g2	g3	...	g20K
id1	0.1	0.1	0.2		3.2
id2	1.1	3.1	1.2		4.3
id3	1.2	2.0	2.1		2.1
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
idn	1.2	2.2	3.1		2.1

Brain

id	g1	g2	g3	...	g20K
id1	0.1	0.1	0.2		3.2
id2	2.2	1.7	1.2		4.1
id3	1.3	2.0	1.7		2.1
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
idn	1.2	2.2	3.1		2.1

⋮

Whole Blood

id	g1	g2	g3	...	g20K
id1	0.1	0.1	0.2		3.2
id2	2.2	1.7	1.2		4.1
id3	1.3	2.0	1.7		2.1
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮
idn	1.2	2.2	3.1		2.1