list of annotations down to p<0.01

	Class
N	Neural
I	Immune

Spearman's rho:	0.837
degrees of freedom:	45
P-value:	2.32E-13

Spearman's rho:	0.657
degrees of freedom:	39
P-value:	3.11E-6

Detected proteins tissue annotation	Class	log(P)
Brain	N	-166
Hippocampus	N	-160
Brain cortex	N	-114
Bone marrow	I	-86
Liver		-79
Kidney		-57
Mammary gland		-32
Amnion		-24
Whole body		-23
Heart		-22
Thymus	I	-20
Cerebellum	N	-20
Mammary tumor		-20
Eye		-19
Macrophage	I	-18
Placenta		-18
Medulla oblongata	N	-17
Mast cell	I	-16
Embryo		-13
Pancreas		-10
Colon		-8
Mammary tumor. MMTV-LTR/INT3 model. 5 month old mouse. Taken by biopsy.		-8
Stomach		-8
Visual cortex	N	-8
Retina		-8
Head		-8
B-cell	I	-8
Spinal cord	N	-8
Small intestine		-8
Spinal ganglion	N	-8
Tongue		-7
Mammary tumor metastatized to lung. Tumor arose spontaneously		-6
Mammary tumor. WAP-TGF alpha model. 7 months old		-6
Sympathetic ganglion	N	-6
Embryonic fibroblast		-6
Mammary tumor. C3		-5
Wolffian duct includes surrounding region		-4
Embryonic liver		-4
Mammary tumor. Metallothionien-TGF alpha model. 10 month old virgin mouse. Taken by biopsy.		-3
Embryonic stem cell		-3
Lung		-3
Corpora quadrigemina		-3
Placenta and extra embryonic tissue		-3
Embryonic body below diaphragm region		-3
Osteoclast		-3
Embryonic body between diaphragm region and neck		-3
Olfactory bulb	N	-2
Olfactory epithelium	N	-2
Pituitary	N	-2
Fibroblast		-2
Adipocyte		-2
Whole hearts		-2
Salivary gland		-2
Fetal brain	N	-2
Embryonic brain	N	-2
Mammary tumor metastatized to lung. MMTV-LTR/Wnt1 model. Expression driven by an MMTV-LTR enhancer.		-2
Skeletal muscle		-2
Blastocyst		-2
Muscle		-2
Embryonic germ cell		-2
Mammary tumor. Brca1-/fl		-2
T-cell	I	-2
Thyroid		-2
Osteoblast		-2

BL6 Top 3200 affy probes tissue annotation	Class	log(P)
Brain	N	-102
Hippocampus	N	-88
Bone marrow	I	-72
Brain cortex	N	-31
Kidney		-24
Mammary gland		-17
Eye		-17
Amnion		-17
Mammary tumor		-14
Liver		-14
Visual cortex	N	-13
Whole body		-13
Thymus	I	-12
Placenta		-12
Medulla oblongata		-12
Sympathetic ganglion		-12
Cerebellum	N	-10
Heart		-10
Spinal ganglion	N	-9
Stomach		-9
Mammary tumor. MMTV-LTR/INT3 model. 5 month old mouse. Taken by biopsy.		-8
Pancreas		-8
Embryo		-6
Small intestine		-6
Wolffian duct includes surrounding region		-6
Spinal cord		-5
Retina		-5
Olfactory bulb	N	-5
Macrophage	I	-5
B-cell	I	-5
Corpora quadrigemina		-4
Mast cell	I	-3
In vitro fertilized eggs		-3
Olfactory epithelium	N	-3
Head		-3
Whole hearts		-3
Mammary tumor. WAP-TGF alpha model. 7 months old		-3
Tongue		-3
Mammary tumor metastatized to lung. Tumor arose spontaneously		-2
Mullerian duct includes surrounding region		-2
Colon		-2
Thyroid		-2
Embryonic liver		-2
Embryonic stem cell		-2
Placenta and extra embryonic tissue		-2
Embryonic head		-2
Embryonic body between diaphragm region and neck		-2
Mammary tumor. C3		-2
Olfactory brain	N	-2

C3H Top 3200 affy probes tissue annotation	Class	log(P)
Brain	N	-114
Hippocampus	N	-112
Bone marrow	I	-110
Kidney		-62
Mammary tumor		-53
Liver		-44
Mammary gland		-42
Brain cortex	N	-32
Whole body		-29
Thymus	I	-27
Amnion		-26
Placenta		-26
Embryo		-23
Heart		-20
Pancreas		-19
Eye		-19
Sympathetic ganglion	N	-14
Stomach		-14
Small intestine		-13
Visual cortex	N	-13
Cerebellum	N	-12
B-cell		-11
Medulla oblongata	N	-11
Tongue		-10
Mammary tumor. MMTV-LTR/INT3 model. 5 month old mouse. Taken by biopsy.		-10
Colon		-9
Spinal ganglion	N	-9
Macrophage	I	-8
Mammary tumor metastatized to lung. Tumor arose spontaneously		-8
Mast cell	I	-8
Spinal cord	N	-8
Head		-7
Lung		-6
Mammary tumor. C3		-6
Retina	N	-6
Mammary tumor. WAP-TGF alpha model. 7 months old		-6
Wolffian duct includes surrounding region		-6
Embryonic fibroblast		-5
Olfactory bulb	N	-5
Embryonic stem cell		-4
Mammary tumor. Metallothionien-TGF alpha model. 10 month old virgin mouse. Taken by biopsy.		-4
Bone marrow macrophage		-3
Mullerian duct includes surrounding region		-3
Thyroid		-3
Mammary tumor. Brca1-/fl		-3
In vitro fertilized eggs		-3
Adipocyte		-3
Skeletal muscle		-2
Olfactory epithelium	N	-2
Corpora quadrigemina	N	-2
Wolffian duct		-2
Urinary bladder		-2
Egg		-2
Whole brain	N	-2
Diencephalon		-2
Placenta and extra embryonic tissue		-2
Embryonic kidney		-2
Mammary tumor metastatized to lung. MMTV-LTR/Wnt1 model. Expression driven by an MMTV-LTR enhancer.		-2
Olfactory brain	N	-2
Salivary gland		-2

3200 random affy probes tissue annotation	Class	log(P)
Liver		-30
Kidney		-22
Mammary tumor		-21
Bone marrow	I	-21
Mammary gland		-20
Thymus	I	-18
Whole body		-13
Embryo		-13
Lung		-12
Hippocampus	N	-10
Heart		-9
Salivary gland		-8
Head		-8
Brain	N	-7
Mammary tumor metastatized to lung. Tumor arose spontaneously		-7
Mammary tumor. Metallothionien-TGF alpha model. 10 month old virgin mouse. Taken by biopsy.		-7
Mammary tumor. C3		-7
Colon		-7
Amnion		-6
Mast cell	I	-5
Pancreas		-5
Mammary tumor. MMTV-LTR/INT3 model. 5 month old mouse. Taken by biopsy.		-5
Mammary tumor. WAP-TGF alpha model. 7 months old		-5
Placenta		-4
Activated spleen	I	-4
Spinal ganglion		-4
Spleen		-4
Cerebellum	N	-4
Embryonic stem cell		-4
Eye		-4
Skin		-4
Sympathetic ganglion		-3
Stomach		-3
In vitro fertilized eggs		-3
Small intestine		-3
Embryonic tail		-3
Corpora quadrigemina		-3
Macrophage	I	-3
Parthenogenote		-3
Blastocyst		-3
Tongue		-3
Fibroblast		-2
Forelimb		-2
Skeletal muscle		-2
B-cell	I	-2
Brain cortex	N	-2
Spermatocyte		-2
Mammary tumor. WAP-Tag model. 5 months old		-2
Embryonic liver		-2
Embryonic head		-2
Mammary tumor metastatized to lung. MMTV-LTR/Wnt1 model. Expression driven by an MMTV-LTR enhancer.		-2
Peritoneal macrophage	I	-2
Mesenchymal Stem Cell		-2

3200 random affy probes tissue annotation	Class	log(P)
Liver		-34
Bone marrow	I	-27
Mammary tumor		-23
Embryo		-19
Thymus	I	-17
Kidney		-14
Mammary gland		-13
Whole body		-10
Hippocampus	N	-9
Brain	N	-8
Amnion		-7
Mammary tumor. WAP-TGF alpha model. 7 months old		-7
Heart		-7
Mammary tumor. C3		-6
B-cell	I	-6
Head		-6
Tongue		-6
Eye		-5
Macrophage	I	-5
Mammary tumor metastatized to lung. Tumor arose spontaneously		-5
Mammary tumor. Metallothionien-TGF alpha model. 10 month old virgin mouse. Taken by biopsy.		-5
Spleen	I	-5
Placenta		-5
Visual cortex		-5
Pancreas		-4
Colon		-4
Wolffian duct includes surrounding region		-3
Stomach		-3
Retina	N	-3
Embryonic kidney		-3
Salivary gland		-3
Fibroblast		-3
Lung		-3
Small intestine		-3
Cerebellum	N	-3
Sympathetic ganglion	N	-3
Mammary tumor. MMTV-LTR/INT3 model. 5 month old mouse. Taken by biopsy.		-3
Mast cell	I	-3
Mammary tumor. WAP-Tag model. 5 months old		-2
Embryonic brain	N	-2
Blastocyst		-2
Fetal brain	N	-2
Spinal ganglion	N	-2
Skeletal muscle		-2
Plasma		-2
Embryonic stem cell		-2
Embryonic spinal ganglion	N	-2
Spermatocyte		-2
Embryonic head		-2
Embryonic body between diaphragm region and neck		-2
Prostate		-2
Skin		-2
Pituitary		-2
Bone marrow macrophage	I	-2
Wolffian duct		-2