

**Table 1. Raw data for Fig. 2**

Taxon	Species	Organ/tissue	CV, %	Ref.
<i>Nonmetazoa</i>				
Acrasiomycota	<i>Dictyostelium discoideum</i>	Fruiting body	24	(1)
Acrasiomycota	<i>Dictyostelium lacteum</i>	Fruiting body	25.8	(1)
Acrasiomycota	<i>Dictyostelium mexicanum</i>	Fruiting body	32.7	(1)
Acrasiomycota	<i>Dictyostelium minutum</i>	Fruiting body	41.4	(1)
Acrasiomycota	<i>Dictyostelium mucoroides</i>	Fruiting body	21.1	(1)
Acrasiomycota	<i>Dictyostelium purpureum</i>	Fruiting body	5.3	(1)
Acrasiomycota	<i>Dictyostelium vinaceo-fuscum</i>	Fruiting body	33.4	(1)
Acrasiomycota	<i>Polysphondylium pallidum</i>	Fruiting body	19.8	(1)
Acrasiomycota	<i>Polysphondylium violaceum</i>	Fruiting body	37.4	(1)
Angiospermophyta	<i>Arabidopsis thaliana</i>	Primary root	6.2	(2)
Angiospermophyta	<i>Arabidopsis thaliana</i>	Secondary root	8.7	(2)
Angiospermophyta	<i>Glycine max</i>	Cotyledon	20.1	(3)
Angiospermophyta	<i>Gossypium hirsutum</i>	Leaf	11.3	(4)
Angiospermophyta	<i>Helianthus annuus</i>	Leaf	13.8	(5)
Angiospermophyta	<i>Hordeum vulgare</i>	Leaf	3.6	(6)
Angiospermophyta	<i>Pisum sativum</i>	Root	44.2	(7)
Angiospermophyta	<i>Quercus myrsinaefolia</i>	Leaf	24.2	(8)
Angiospermophyta	<i>Solanum tuberosum</i>	Tuber	59.9	(9)
Angiospermophyta	<i>Triticum aestivum</i> (1)	Leaf	2.4	(10)
Angiospermophyta	<i>Triticum aestivum</i> (2)	Leaf	12.1	(10)
Angiospermophyta	<i>Triticum aestivum</i> (3)	Leaf	16.5	(10)
Angiospermophyta	<i>Triticum dicoccoides</i>	Leaf	3.4	(10)
Angiospermophyta	<i>Triticum dicoccum</i>	Leaf	8.7	(10)
Angiospermophyta	<i>Triticum monococcum</i>	Leaf	5.1	(10)
Angiospermophyta	<i>Triticum tauschii</i> (2N)	Leaf	3.9	(10)
Angiospermophyta	<i>Triticum tauschii</i> (4N)	Leaf	4.5	(10)
Angiospermophyta	<i>Triticum urartu</i>	Leaf	13.4	(10)
Chlorophyta	<i>Astrephomene gubernaculifera</i>	Germ	43.7	(11)
Chlorophyta	<i>Astrephomene perforata</i>	Germ	36.8	(11)
Chlorophyta	<i>Eudorina cylindrica</i>	Germ	23	(11)
Chlorophyta	<i>Eudorina elegans</i>	Germ	36.8	(11)
Chlorophyta	<i>Eudorina elegans x Pleodorina illinoisensis</i>	Germ	32.2	(11)

Taxon	Species	Organ/tissue	CV, %	Ref.
Chlorophyta	<i>Gonium multicocum</i>	Germ	20.7	(11)
Chlorophyta	<i>Gonium octonarium</i>	Germ	20.7	(11)
Chlorophyta	<i>Gonium sacculiferum</i>	Germ	11.5	(11)
Chlorophyta	<i>Gonium sociale</i>	Germ	29.9	(11)
Chlorophyta	<i>Pandorina morum</i>	Germ	23	(11)
Chlorophyta	<i>Pandorina unicocca</i>	Germ	36.8	(11)
Chlorophyta	<i>Platydorina caudata</i>	Germ	23	(11)
Chlorophyta	<i>Pleodorina californica</i>	Germ	50.7	(11)
Chlorophyta	<i>Pleodorina californica</i>	Soma	59.9	(11)
Chlorophyta	<i>Pleodorina indica</i>	Germ	55.3	(11)
Chlorophyta	<i>Pleodorina indica</i>	Soma	48.4	(11)
Chlorophyta	<i>Volvox africanus</i>	Germ	11.5	(11)
Chlorophyta	<i>Volvox africanus</i>	Soma	13.8	(11)
Chlorophyta	<i>Volvox aureus</i>	Germ	23	(11)
Chlorophyta	<i>Volvox aureus</i>	Soma	34.5	(11)
Chlorophyta	<i>Volvox aureus</i>	Total	42.4	(12)
Chlorophyta	<i>Volvox barberi</i>	Germ	43.7	(11)
Chlorophyta	<i>Volvox barberi</i>	Soma	59.9	(11)
Chlorophyta	<i>Volvox carteri</i>	Germ	48.6	(11, 13)
Chlorophyta	<i>Volvox carteri</i>	Soma	68.8	(11, 13)
Chlorophyta	<i>Volvox dissipatrix</i>	Germ	27.6	(11)
Chlorophyta	<i>Volvox dissipatrix</i>	Soma	32.2	(11)
Chlorophyta	<i>Volvox gigas</i>	Germ	16.1	(11)
Chlorophyta	<i>Volvox gigas</i>	Soma	27.6	(11)
Chlorophyta	<i>Volvox globator</i>	Germ	55.3	(11)
Chlorophyta	<i>Volvox globator</i>	Soma	23	(11)
Chlorophyta	<i>Volvox obversus</i>	Germ	11.5	(11)
Chlorophyta	<i>Volvox obversus</i>	Soma	59.9	(11)
Chlorophyta	<i>Volvox pocockia</i>	Germ	59.9	(11)
Chlorophyta	<i>Volvox pocockia</i>	Soma	53	(11)
Chlorophyta	<i>Volvox powersi</i>	Germ	64.5	(11)
Chlorophyta	<i>Volvox powersi</i>	Soma	73.7	(11)
Chlorophyta	<i>Volvox rousseletii</i>	Germ	25.3	(11)
Chlorophyta	<i>Volvox rousseletii</i>	Soma	39.1	(11)
Chlorophyta	<i>Volvox spermatosphaera</i>	Germ	34.5	(11)
Chlorophyta	<i>Volvox spermatosphaera</i>	Soma	39.1	(11)
Chlorophyta	<i>Volvox tertius</i>	Germ	27.6	(11)
Chlorophyta	<i>Volvox tertius</i>	Soma	25.3	(11)
Chlorophyta	<i>Volvulina boldi</i>	Soma	25.3	(11)
Chlorophyta	<i>Volvulina steinii</i>	Soma	0	(11)

Taxon	Species	Organ/tissue	CV, %	Ref.
<i>Invertebrates</i>				
Annelida	<i>Haementeria ghilianii</i>	Segmental ganglion	0.9	(14)
Annelida	<i>Haemopsis marmorata</i>	Segmental ganglion	2.9	(14, 15)
Annelida	<i>Hirudo medicinalis</i>	Segmental ganglion	1	(14)
Annelida	<i>Lumbricus terrestris</i>	Segmental ganglia	18.2	(16)
Annelida	<i>Macrobodela decora</i>	Segmental ganglion	0.7	(14)
Cnidaria	<i>Hydra attenuata</i>	Big interstitial	26.9	(17)
Cnidaria	<i>Hydra attenuata</i>	Epithelium	16.9	(17)
Cnidaria	<i>Hydra attenuata</i>	Gland	36.5	(17)
Cnidaria	<i>Hydra attenuata</i>	Nematoblast	10.3	(17)
Cnidaria	<i>Hydra attenuata</i>	Nerve	12.5	(17)
Cnidaria	<i>Hydra attenuata</i>	Small interstitial	22	(17)
Cnidaria	<i>Hydra attenuata</i>	Total	29	(17)
Cnidaria	<i>Hydra magnipapillata</i>	Epithelium	6.1	(18)
Cnidaria	<i>Hydra magnipapillata</i>	Total	4	(18)
Crustacea	<i>Cherax destructor</i>	Stomatogastric ganglion	12.9	(19)
Crustacea	<i>Daphnia pulex</i>	Epidermis	18.9	(20)
Crustacea	<i>Daphnia pulex</i>	Epipodite	9.4	(20)
Crustacea	<i>Daphnia pulex</i>	Limb core	15	(20)
Crustacea	<i>Daphnia pulex</i>	Rostrum	5.8	(20)
Echinodermata	<i>Clypeaster japonicus</i>	Mesenchyme	13.1	(21)
Echinodermata	<i>Clypeaster japonicus</i>	Total	7	(21)
Echinodermata	<i>Hemicentrotus pulcherrimus</i>	Total	2.8	(22)
Echinodermata	<i>Temnopleurus toreumaticus</i>	Total	4.2	(22)
Insecta	<i>Bombus</i> sp.	$\gamma$ -Aminobutyric acid (GABA) neurons	16.6	(23)
Insecta	<i>Calliphora vomitoria</i>	GABA neurons	52.9	(23)
Insecta	<i>Drosophila acanthoptera</i>	Sperm	22.1	(24)
Insecta	<i>Drosophila aethostoma</i>	Eye	4.5	(25)
Insecta	<i>Drosophila aethostoma</i>	Wing	1.5	(25)
Insecta	<i>Drosophila aldo</i>	Wing	8.3	(25)
Insecta	<i>Drosophila basisetae</i>	Eye	9.8	(25)
Insecta	<i>Drosophila basisetae</i>	Wing	19.6	(25)
Insecta	<i>Drosophila bifurca</i>	Sperm	9.9	(24)
Insecta	<i>Drosophila bostrycha</i>	Wing	14.8	(25)
Insecta	<i>Drosophila cilifemorata</i>	Eye	0.4	(25)
Insecta	<i>Drosophila cilifemorata</i>	Wing	6.6	(25)
Insecta	<i>Drosophila crassifemur</i>	Eye	8.1	(25)
Insecta	<i>Drosophila crassifemur</i>	Wing	3.4	(25)
Insecta	<i>Drosophila crucigera</i>	Eye	24.6	(25)

Taxon	Species	Organ/tissue	CV, %	Ref.
Insecta	<i>Drosophila crucigera</i>	Wing	5.4	(25)
Insecta	<i>Drosophila differens</i>	Wing	5.3	(25)
Insecta	<i>Drosophila dolichotarsis</i>	Eye	14.3	(25)
Insecta	<i>Drosophila dolichotarsis</i>	Wing	29.8	(25)
Insecta	<i>Drosophila eohydei</i>	Sperm	13	(24)
Insecta	<i>Drosophila grimshawi</i>	Wing	10.4	(25)
Insecta	<i>Drosophila heteroneura</i>	Eye	4.6	(25)
Insecta	<i>Drosophila hydei</i>	Sperm	6.9	(24)
Insecta	<i>Drosophila involuta</i>	Eye	4	(25)
Insecta	<i>Drosophila involuta</i>	Wing	12.8	(25)
Insecta	<i>Drosophila lineosetae</i>	Wing	3.5	(25)
Insecta	<i>Drosophila melanica</i>	Sperm	9.9	(24)
Insecta	<i>Drosophila melanogaster</i>	Malpighian tubule	13.6	(26)
Insecta	<i>Drosophila melanogaster</i>	Abdominal histoblast	14.1	(27-30)
Insecta	<i>Drosophila melanogaster</i>	Antena imaginal disc	8.5	(27)
Insecta	<i>Drosophila melanogaster</i>	Eye imaginal disc	6.2	(27)
Insecta	<i>Drosophila melanogaster</i>	Fat body	5	(31)
Insecta	<i>Drosophila melanogaster</i>	Foregut imaginal ring	33.1	(32)
Insecta	<i>Drosophila melanogaster</i>	Genital imaginal disc	8	(27)
Insecta	<i>Drosophila melanogaster</i>	Haltere imaginal disc	9.2	(27)
Insecta	<i>Drosophila melanogaster</i>	Hindgut imaginal ring	24.2	(32)
Insecta	<i>Drosophila melanogaster</i>	Larval epidermis	11.7	(30)
Insecta	<i>Drosophila melanogaster</i>	Larval nervous system	14.1	(30)
Insecta	<i>Drosophila melanogaster</i>	Leg	8.6	(33)
Insecta	<i>Drosophila melanogaster</i>	Leg imaginal disc	9.2	(27)
Insecta	<i>Drosophila melanogaster</i>	Salivary imaginal ring	28.5	(32)
Insecta	<i>Drosophila melanogaster</i>	Sperm	14.6	(24)
Insecta	<i>Drosophila melanogaster</i>	Wing	6.9	(34-36)
Insecta	<i>Drosophila melanogaster</i>	Wing imaginal disc	23.3	(27, 30, 32)
Insecta	<i>Drosophila micromelanica</i>	Sperm	9.6	(24)
Insecta	<i>Drosophila mojavensis</i>	Sperm	11.7	(24)
Insecta	<i>Drosophila nannoptera</i>	Sperm	12.7	(24)
Insecta	<i>Drosophila neoperkinsi</i>	Eye	5.9	(25)
Insecta	<i>Drosophila nigribasis</i>	Eye	5.6	(25)
Insecta	<i>Drosophila oahuensis</i>	Eye	7.5	(25)
Insecta	<i>Drosophila oahuensis</i>	Wing	7.5	(25)
Insecta	<i>Drosophila obscuripes</i>	Eye	2.3	(25)
Insecta	<i>Drosophila pachea</i>	Sperm	12.6	(24)
Insecta	<i>Drosophila picta</i>	Wing	5.8	(25)
Insecta	<i>Drosophila picticornis</i>	Eye	11.6	(25)
Insecta	<i>Drosophila pilimana</i>	Eye	2	(25)

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Insecta	<i>Drosophila planitibia</i>	Wing	5.3	(25)
Insecta	<i>Drosophila punalua</i>	Eye	5	(25)
Insecta	<i>Drosophila scap</i>	Wing	5.4	(25)
Insecta	<i>Drosophila silvestris</i>	Eye	4.3	(25)
Insecta	<i>Drosophila silvestris</i>	Wing	4.8	(25)
Insecta	<i>Drosophila soonae</i>	Eye	17.7	(25)
Insecta	<i>Drosophila spiethi</i>	Eye	5.3	(25)
Insecta	<i>Drosophila syw</i>	Wing	5.6	(25)
Insecta	<i>Drosophila wassermani</i>	Sperm	10.8	(24)
Insecta	<i>Formica obsuris</i>	GABA neurons	15.2	(23)
Insecta	<i>Libellula quadrimaculata</i>	GABA neurons	15.7	(23)
Insecta	<i>Manduca sexta</i>	GABA neurons	13.8	(23)
Insecta	<i>Oncopeltus fasciatus</i>	GABA neurons	9.5	(23)
Insecta	<i>Popillia japonica</i>	Brain	5.9	(37)
Insecta	<i>Popillia japonica</i>	Gut	6.4	(37)
Insecta	<i>Schistocerca americana</i>	GABA neurons	17.4	(23)
Insecta	<i>Schistocerca gregaria</i>	Neuroblasts	7.2	(38)
Insecta	<i>Schistocerca nitens</i>	Ocular neurons	10.4	(39)
Insecta	<i>Schistocerca vaga</i>	Ocular neurons	10.6	(40)
Insecta	<i>Tenebrio sp.</i>	GABA neurons	30.3	(23)
Insecta	<i>Thermobia domestica</i>	GABA neurons	26.8	(23)
Insecta	<i>Zootermopsis angusticollis</i>	GABA neurons	11.4	(23)
Nematoda	<i>Acrobeloides maximus</i>	Epidermis	3.4	(41)
Nematoda	<i>Acrobeloides nanus</i>	Epidermis	3.3	(41)
Nematoda	<i>Adoncholaimus lepidus</i>	Neurons containing catecholamine	5.5	(42)
Nematoda	<i>Adoncholaimus spinosus</i>	Epidermis	7.4	(43)
Nematoda	<i>Adoncholaimus thalassophygas</i>	Epidermis	8.2	(43)
Nematoda	<i>Anoplostoma viviparum</i>	Epidermis	4.9	(43)
Nematoda	<i>Caenorhabditis elegans</i>	Epidermis	1.8	(41, 42)
Nematoda	<i>Caenorhabditis sp. (PS1010)</i>	Epidermis	1.7	(41)
Nematoda	<i>Chromodoropsis vivipara</i>	Neurons containing catecholamine	0	(43)
Nematoda	<i>Enoplus brevis</i>	Neurons containing catecholamine	0	(43)
Nematoda	<i>Enoplus brevis</i>	Epidermis	4.4	(45)
Nematoda	<i>Enoplus communis</i>	Neurons containing catecholamine	0	(43)
Nematoda	<i>Oscheius dolichuroides</i>	Epidermis	3.7	(41)
Nematoda	<i>Oscheius myriophila</i>	Epidermis	1.1	(41)
Nematoda	<i>Oscheius sp. (DF5000)</i>	Epidermis	4.2	(41)

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Nematoda	<i>Panagrellus redivivus</i>	Epidermis	14.2	(41)
Nematoda	<i>Panagrolaimus rigidus</i>	Epidermis	1.7	(41)
Nematoda	<i>Paracanthonus caecus</i>	Epidermis	7.2	(44)
Nematoda	<i>Paracanthonus macrodon</i>	Neurons containing catecholamine	0	(43)
Nematoda	<i>Pellioiditis</i> sp. (EM434)	Epidermis	8.5	(41)
Nematoda	<i>Pellioiditis typica</i>	Epidermis	2.7	(41)
Nematoda	<i>Pontonema vulgare</i>	Epidermis	5.4	(44)
Nematoda	<i>Pontonema vulgare</i>	Neurons containing catecholamine	3	(43)
Nematoda	<i>Rhabdias bufonis</i>	Gut	29.8	(46)
Nematoda	<i>Rhabdias bufonis</i>	Total	11.5	(46)
Nematoda	<i>Rhabditella octopleura</i>	Epidermis	2	(41)
Nematoda	<i>Rhabditis anomala</i>	Epidermis	6.5	(47)
Nematoda	<i>Rhabditooides regina</i>	Epidermis	7.3	(41)
Nematoda	<i>Sphaerolaimus balticus</i>	Epidermis	8.5	(44)
Nematoda	<i>Sphaerolaimus balticus</i>	Neurons containing catecholamine	0	(43)
Nematoda	<i>Theristus setosus</i>	Neurons containing catecholamine	0	(43)
Rotifera	<i>Hydatina senta</i>	Gastric gland	5.2	(48)
Rotifera	<i>Hydatina senta</i>	Yolk gland	3.7	(48)
<i>Chordates</i>				
Amphibia	<i>Rana pipiens</i>	Tectum	19.5	(49)
Amphibia	<i>Triturus pyrrhogaster</i>	Embryo	18.4	(50)
Amphibia	<i>Triturus viridescens</i>	Melanophores	19.6	(51)
Amphibia	<i>Xenopus laevis</i>	Lateral line	10.8	(52)
Aves	<i>Cistothorus palustris</i>	Robust nucleus of the archistriatum (RA) neurons	16.3	(53)
Aves	<i>Gallus domesticus</i>	Basilar papilla	12.3	(54)
Aves	<i>Gallus domesticus</i>	Intestine	24.5	(55)
Aves	<i>Gallus domesticus</i>	Isthmo-optic nucleus	6.6	(56)
Aves	<i>Gallus domesticus</i>	Lateral motor column	8	(57)
Aves	<i>Gallus domesticus</i>	Retina	17.3	(58, 59)
Aves	<i>Melospiza melodia</i>	High vocal center (HVC) neurons	23	(53)
Aves	<i>Melospiza melodia</i>	RA neurons	7.8	(53)
Aves	<i>Peophilla guttata</i>	HVC neurons	23.5	(60)
Aves	<i>Peophilla guttata</i>	RA neurons	22.6	(60)
Aves	<i>Peophilla guttata</i>	X neurons	9.4	(60)
Aves	<i>Zonotrichia leucophrys</i>	HVC neurons	18.9	(53)

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Aves	<i>Zonotrichia leucophrys</i>	RA neurons	11.4	(53)
Hyperoartia	<i>Ichthyomyzon spp.</i>	Spinal cord	12.7	(61)
Hyperoartia	<i>Petromyzon marinus</i>	Spinal cord	11.7	(61, 62)
Mammalia	<i>Bos taurus</i>	Cerebellum	55	(63)
Mammalia	<i>Bos taurus</i>	Heart	35.3	(64)
Mammalia	<i>Canis familiaris</i>	Cerebellum	22	(63)
Mammalia	<i>Canis familiaris</i>	Heart	25.7	(64)
Mammalia	<i>Capra hircus</i>	Cerebellum	46	(63)
Mammalia	<i>Cercopithecus aethiops</i>	Substantia nigra	1.9	(65)
Mammalia	<i>Equus caballus</i>	Cerebellum	18	(63)
Mammalia	<i>Equus caballus</i>	Heart	41	(64)
Mammalia	<i>Felis catus</i>	Cerebellum	24	(63)
Mammalia	<i>Felis catus</i>	Lateral geniculate nucleus	7.1	(66)
Mammalia	<i>Felis catus</i>	Medial mammillary nucleus	31.6	(67)
Mammalia	<i>Felis catus</i>	Optic nerve	11.6	(66)
Mammalia	<i>Felis catus</i>	Spinal cord	15.5	(68)
Mammalia	<i>Felis sylvestris</i>	Lateral geniculate nucleus	0.8	(66)
Mammalia	<i>Felis sylvestris</i>	Optic nerve	7.4	(66)
Mammalia	<i>Homo sapiens</i>	Leydig cells	18.8	(69)
Mammalia	<i>Homo sapiens</i>	Blastocyst	7.6	(70)
Mammalia	<i>Homo sapiens</i>	Cerebellum	26	(63, 71-73)
Mammalia	<i>Homo sapiens</i>	Entorhinal cortex	33	(74)
Mammalia	<i>Homo sapiens</i>	Heart	29.9	(64)
Mammalia	<i>Homo sapiens</i>	Hippocampus	16.9	(75, 76)
Mammalia	<i>Homo sapiens</i>	Mediodorsal thalamic nucleus	16.6	(77)
Mammalia	<i>Homo sapiens</i>	Neocortex	22.6	(78-81)
Mammalia	<i>Homo sapiens</i>	Placenta	28.9	(82-85)
Mammalia	<i>Homo sapiens</i>	Striatum	17	(86)
Mammalia	<i>Homo sapiens</i>	Substantia nigra	27.1	(87)
Mammalia	<i>Homo sapiens</i>	Ventral pallidum	22.7	(77)
Mammalia	<i>Lepus timidus</i>	Cerebellum	41	(63)
Mammalia	<i>Lepus timidus</i>	Heart	11.6	(64)
Mammalia	<i>Macaca mulata</i>	Lateral geniculate nucleus	12.3	(88, 89)
Mammalia	<i>Meriones unguiculatus</i>	Cochlear nucleus neurons	7.6	(90)
Mammalia	<i>Mus caroli</i>	Retina	10.5	(91)
Mammalia	<i>Mus musculus</i>	Ammon's horn	10.1	(92)
Mammalia	<i>Mus musculus</i>	Blastocyst	19.9	(93)
Mammalia	<i>Mus musculus</i>	Bone marrow	7.5	(94)
Mammalia	<i>Mus musculus</i>	Cerebellum	13.7	(95-97)
Mammalia	<i>Mus musculus</i>	Cochlea	28.9	(98)
Mammalia	<i>Mus musculus</i>	Heart	24.1	(64)

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Mammalia	<i>Mus musculus</i>	Hippocampus	10.9	(99)
Mammalia	<i>Mus musculus</i>	Kidney	17.5	(100)
Mammalia	<i>Mus musculus</i>	Liver	23.6	(100)
Mammalia	<i>Mus musculus</i>	Lung	14	(100)
Mammalia	<i>Mus musculus</i>	Optic nerve	8	(101)
Mammalia	<i>Mus musculus</i>	Ovary	23	(102)
Mammalia	<i>Mus musculus</i>	Peritoneum	23.8	(103)
Mammalia	<i>Mus musculus</i>	Primordial germ cells	27	(104)
Mammalia	<i>Mus musculus</i>	Retina	7.5	(91, 101, 105-107)
Mammalia	<i>Mus musculus</i>	Spinal cord	21.2	(108)
Mammalia	<i>Mus musculus</i>	Spleen	17.7	(100, 109, 110)
Mammalia	<i>Mus musculus</i>	Substantia nigra	14.7	(111)
Mammalia	<i>Mus musculus</i>	Testes	17.7	(112)
Mammalia	<i>Mus musculus</i>	Thymus	25.7	(109, 113)
Mammalia	<i>Mus spicilegus</i>	Retina	4.6	(91)
Mammalia	<i>Mus spretus</i>	Retina	6.8	(91)
Mammalia	<i>Ovis aries</i>	Cerebellum	32	(63)
Mammalia	<i>Ovis aries</i>	Heart	27.7	(64)
Mammalia	<i>Rattus norvegicus</i>	Yoshida AH-130 ascites hepatoma	9.2	(114)
Mammalia	<i>Rattus norvegicus</i>	Adrenal	9.8	(115)
Mammalia	<i>Rattus norvegicus</i>	Basal ganglia	9.5	(116)
Mammalia	<i>Rattus norvegicus</i>	Cerebellum	25.5	(63, 117-119)
Mammalia	<i>Rattus norvegicus</i>	Cortex	24.7	(120)
Mammalia	<i>Rattus norvegicus</i>	Digestive tract	9.2	(115)
Mammalia	<i>Rattus norvegicus</i>	Dorsal root ganglion	8.6	(121-123)
Mammalia	<i>Rattus norvegicus</i>	Epidymal fat	28.5	(115)
Mammalia	<i>Rattus norvegicus</i>	Heart	14.2	(64, 115)
Mammalia	<i>Rattus norvegicus</i>	Hippocampus	12.6	(115, 124, 125)
Mammalia	<i>Rattus norvegicus</i>	Hypoglossal nucleus	14	(126)
Mammalia	<i>Rattus norvegicus</i>	Kidney	12.6	(115, 127)
Mammalia	<i>Rattus norvegicus</i>	Liver	15	(115, 127)
Mammalia	<i>Rattus norvegicus</i>	Lung	10.5	(115)
Mammalia	<i>Rattus norvegicus</i>	Medial preoptic nucleus	14.4	(128)
Mammalia	<i>Rattus norvegicus</i>	Muscle	13.1	(129)
Mammalia	<i>Rattus norvegicus</i>	Optic nerve	19	(130)
Mammalia	<i>Rattus norvegicus</i>	Pancreas	17.8	(115)
Mammalia	<i>Rattus norvegicus</i>	Photoreceptor cells	18.3	(131)
Mammalia	<i>Rattus norvegicus</i>	Skin	10.3	(115)
Mammalia	<i>Rattus norvegicus</i>	Spinal cord	11.5	(132)



Taxon	Species	Organ/tissue	CV, %	Ref.
Mammalia	<i>Rattus norvegicus</i>	Subventricular zone	19.7	(133)
Mammalia	<i>Rattus norvegicus</i>	Suprachiasmatic nucleus	7.6	(134)
Mammalia	<i>Rattus norvegicus</i>	Testes	19.1	(135)
Mammalia	<i>Rattus norvegicus</i>	Testis	14.1	(115)
Mammalia	<i>Rattus norvegicus</i>	Thymus	18.6	(115)
Mammalia	<i>Rattus norvegicus</i>	Total	9.5	(115)
Mammalia	<i>Rattus norvegicus</i>	Merkel cells	19.5	(136)
Mammalia	<i>Sus scrofa</i>	Cerebellum	34	(63)
Mammalia	<i>Sus scrofa</i>	Heart	49.1	(64)
Urochordata	<i>Ciona intestinalis</i>	Nervous system	2.4	(137)
Urochordata	<i>Halocynthia roretzi</i>	Endoderm	37.8	(138)
Urochordata	<i>Halocynthia roretzi</i>	Epidermis	18.8	(138)
Urochordata	<i>Halocynthia roretzi</i>	Mesenchyme	46	(138)
Urochordata	<i>Halocynthia roretzi</i>	Muscle	30.3	(138)
Urochordata	<i>Halocynthia roretzi</i>	Notochord	3.4	(138)
Urochordata	<i>Halocynthia roretzi</i>	Total	7.7	(138)

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