

Table S1. Summary of donor species

Order	Common name	Species	No. cell lines	Species mass (g)	Maximum lifespan (years)
Anseriformes	Canada goose	<i>Branta canadensis</i>	1	3200	42
Anseriformes	Gadwall	<i>Anas strepera</i>	3	791	22
Anseriformes	Mallard	<i>Anas platyrhynchos</i>	3	1048	29
Anseriformes	Pintail	<i>Anas acuta</i>	3	721	27
Anseriformes	Shoveler	<i>Anas clypeata</i>	4	613	20
Anseriformes	Green winged teal	<i>Anas carolinensis</i>	4	343.8	27
Anseriformes	Wood duck	<i>Aix sponsa</i>	1	452.8	23
Apodiformes	Ruby throated hummingbird	<i>Archilochus colubris</i>	9	3.1	9
Charadriiformes	Killdeer	<i>Charadrius vociferus</i>	4	88	11
Charadriiformes	Ring-billed gull	<i>Larus delawarensis</i>	1	518.5	32
Charadriiformes	Spotted sandpiper	<i>Actitis macularius</i>	3	22.7	11
Columbiformes	Mourning dove	<i>Zenaida macroura</i>	15	119	31
Galliformes	Pheasant	<i>Phasianus colchicus</i>	1	1095	27
Passeriformes	Barn swallow	<i>Hirundo rustica</i>	2	18.3	16
Passeriformes	Carolina wren	<i>Thryothorus ludovicianus</i>	1	17.5	9
Passeriformes	Gray catbird	<i>Dumetella carolinensis</i>	3	34.5	18
Passeriformes	Chipping sparrow	<i>Spizella passerina</i>	5	12.2	12
Passeriformes	Brown-headed cowbird	<i>Molothrus ater</i>	8	38.1	17
Passeriformes	American goldfinch	<i>Spinus tristis</i>	1	12.8	13
Passeriformes	Common grackle	<i>Quiscalus quiscula</i>	2	111	23
Passeriformes	Horned lark	<i>Eremophila alpestris</i>	1	33.5	8
Passeriformes	House finch	<i>Carpodacus mexicanus</i>	2	21.4	12
Passeriformes	House sparrow	<i>Passer domesticus</i>	4	25.3	23
Passeriformes	House wren	<i>Troglodytes aedon</i>	1	9.7	9
Passeriformes	White-breasted nuthatch	<i>Sitta carolinensis</i>	2	20.5	10
Passeriformes	Red-eyed vireo	<i>Vireo olivaceus</i>	1	17	10
Passeriformes	American robin	<i>Turdus migratorius</i>	10	75.5	17
Passeriformes	Song sparrow	<i>Melospiza melodia</i>	5	34	12
Passeriformes	Starling	<i>Sturnus vulgaris</i>	1	74	23
Passeriformes	Tree swallow	<i>Tachycineta bicolor</i>	2	19	12
Passeriformes	Yellow warbler	<i>Dendroica petechia</i>	2	9.8	11
Passeriformes	Yellow-rumped warbler	<i>Dendroica coronata</i>	1	12.5	7
Passeriformes	Yellow-throated warbler	<i>Dendroica dominica</i>	1	9.7	5
Piciformes	Downy woodpecker	<i>Picoides pubescens</i>	3	25.6	12
Struthioniformes	Ostrich	<i>Struthio camelus</i>	3	111000	50

Table S2. Initial oxygen tension does not influence subsequent stress resistance

Stressor	Least squares mean		ANCOVA result	
	3% O <sub>2</sub>	21% O <sub>2</sub>	F	P
Cadmium	45.6	47.9	0.04	0.85
H <sub>2</sub> O <sub>2</sub>	151	167	0.14	0.71
Paraquat	48.6	60.0	0.45	0.51
MMS	1.12	0.89	3.25	0.083
UV	926	845	0.02	0.88
Thapsigargin	10.8	13.4	1.39	0.25
Tunicamycin	31.2	33.4	0.26	0.61

MMS, methylmethane sulfonate.