

Additional file 9: Euclidian distance between 27 human tissues based on the expression analysis of 17 human ZNF genes (7 genes from 8q24.3, 10 from other loci)

Euclidean distance	a Bone marrow	b Thymus	c Spleen	d Trachea	e Lung	f Kidney	g Bladder	h Prostate	i Testis	j Uterus	k Placenta	l Mammary gland	m Adrenal gland	n Thyroid	o Salivary gland	p Stomach	q Pancreas	r Colon	s Small intestine	t Liver	u Fetal liver	v Heart	w Skeletal muscle	x Brain	y Cerebellum	z Spinal cord	\$ Fetal brain
a Bone marrow	0.0	114.1	41.2	34.8	75.7	128.2	49.6	160.7	631.6	60.9	75.6	51.7	49.1	249.6	64.2	44.2	52.9	36.8	34.4	87.3	82.0	87.2	80.3	69.9	155.2	52.7	999.6
b Thymus	114.1	0.0	134.7	134.1	179.8	141.4	122.1	142.5	571.1	148.9	179.0	136.2	144.6	203.1	169.8	121.0	159.7	131.1	126.7	191.8	185.9	191.6	182.2	172.5	152.3	118.7	922.0
c Spleen	41.2	134.7	0.0	25.5	45.9	128.0	50.7	187.7	658.7	32.2	45.4	38.1	35.6	270.8	37.3	58.8	33.0	26.4	29.5	58.7	52.3	58.4	58.1	46.4	154.6	60.6	1024.3
d Trachea	34.8	134.1	25.5	0.0	51.9	119.0	35.3	172.6	643.3	30.4	51.1	28.1	26.0	258.3	41.0	46.0	29.4	21.6	24.0	64.2	58.5	64.3	60.7	49.6	149.7	49.3	1013.2
e Lung	75.7	179.8	45.9	51.9	0.0	153.6	80.3	218.1	687.0	46.7	7.3	60.5	53.4	303.1	14.4	88.0	28.2	55.1	62.1	14.2	8.3	14.1	41.8	35.2	183.1	91.9	1060.4
f Kidney	128.2	141.4	128.0	119.0	153.6	0.0	91.9	143.1	597.3	112.6	153.2	103.3	112.8	177.4	144.5	96.8	134.9	124.2	118.0	165.3	159.8	166.0	140.6	141.4	103.4	95.2	949.7
g Bladder	49.6	122.1	50.7	35.3	80.3	91.9	0.0	146.1	622.4	42.3	79.3	32.3	33.4	227.9	69.7	31.4	57.9	46.2	41.7	93.2	87.2	93.3	76.8	67.5	121.5	24.1	983.5
h Prostate	160.7	142.5	187.7	172.6	218.1	143.1	146.1	0.0	497.6	186.8	217.4	165.5	170.2	112.3	206.5	136.2	192.0	183.0	176.9	229.4	224.6	229.8	206.8	201.7	162.9	140.5	865.7
i Testis	631.6	571.1	658.7	643.3	687.0	597.3	622.4	497.6	0.0	659.3	686.6	634.9	648.1	454.3	678.1	618.2	662.9	654.1	650.7	695.8	691.9	696.2	682.6	678.9	620.3	623.2	696.3
j Uterus	60.9	148.9	32.2	30.4	46.7	112.6	42.3	186.8	659.3	0.0	45.2	31.9	27.8	265.8	39.4	60.1	35.9	36.7	38.4	59.4	53.0	59.5	52.8	43.6	140.3	56.9	1022.3
k Placenta	75.6	179.0	45.4	51.1	7.3	153.2	79.3	217.4	686.6	45.2	0.0	59.7	52.2	302.7	14.7	87.2	28.1	55.6	61.4	16.1	9.9	16.0	42.5	35.6	181.3	91.1	1059.4
l Mammary gland	51.7	136.2	38.1	28.1	60.5	103.3	32.3	165.5	634.9	31.9	59.7	0.0	29.6	245.8	51.2	43.6	39.7	45.3	44.9	72.1	66.6	72.6	61.3	55.5	145.2	51.4	1010.2
m Adrenal gland	49.1	144.6	35.6	26.0	53.4	112.8	33.4	170.2	648.1	27.8	52.2	29.6	0.0	254.0	42.0	40.3	32.3	39.0	36.6	66.0	60.0	66.1	48.7	39.5	140.7	42.6	1011.0
n Thyroid	249.6	203.1	270.8	258.3	303.1	177.4	227.9	112.3	454.3	265.8	302.7	245.8	254.0	0.0	291.7	220.3	277.9	266.5	259.2	315.1	309.9	315.7	287.6	285.9	200.9	222.4	800.9
o Salivary gland	64.2	169.8	37.3	41.0	14.4	144.5	69.7	206.5	678.1	39.4	14.7	51.2	42.0	291.7	0.0	75.3	15.9	46.2	51.2	26.2	20.7	26.5	37.6	30.3	174.6	80.8	1049.5
p Stomach	44.2	121.0	58.8	46.0	88.0	96.8	31.4	136.2	618.2	60.1	87.2	43.6	40.3	220.3	75.3	0.0	62.1	56.4	49.4	100.3	94.8	100.7	77.9	72.8	133.9	31.6	981.3
q Pancreas	52.9	159.7	33.0	29.4	28.2	134.9	57.9	192.0	662.9	35.9	28.1	39.7	32.3	277.9	15.9	62.1	0.0	40.0	43.8	39.3	34.3	39.8	40.6	33.6	168.4	70.1	1037.3
r Colon	36.8	131.1	26.4	21.6	56.1	124.2	46.2	183.0	654.1	36.7	55.6	45.3	39.0	266.5	46.2	56.4	40.0	0.0	10.4	68.4	62.5	68.2	67.5	55.4	149.6	54.7	1014.9
s Small intestine	34.4	126.7	29.5	24.0	62.1	118.0	41.7	176.9	650.7	38.4	61.4	44.9	36.6	259.2	51.2	49.4	43.8	10.4	0.0	74.7	68.8	74.7	68.0	56.6	143.1	47.1	1007.8
t Liver	87.3	191.8	58.7	64.2	14.2	165.3	93.2	229.4	695.8	59.4	16.1	72.1	66.0	315.1	26.2	100.3	39.3	68.4	74.7	0.0	7.0	2.3	48.3	44.7	195.4	105.0	1072.8
u Fetal liver	82.0	185.9	52.3	58.5	8.3	159.8	87.2	224.6	691.9	53.0	9.9	66.6	60.0	309.9	20.7	94.8	34.3	62.5	68.8	7.0	0.0	7.0	45.2	40.4	189.3	99.0	1067.3
v Heart	87.2	191.6	58.4	64.3	14.1	166.0	93.3	229.8	696.2	59.5	16.0	72.6	66.1	315.7	26.5	100.7	39.8	68.2	74.7	2.3	7.0	0.0	48.6	44.3	195.2	104.9	1072.7
w Skeletal muscle	80.3	182.2	58.1	60.7	41.8	140.6	76.8	206.8	682.6	52.8	42.5	61.3	48.7	287.6	37.6	77.9	40.6	67.5	68.0	48.3	45.2	48.6	0.0	21.3	172.4	82.5	1046.3
x Brain	69.9	172.5	46.4	49.6	35.2	141.4	67.5	201.7	678.9	43.6	35.6	55.5	39.5	285.9	30.3	72.8	33.6	55.4	56.6	44.7	40.4	44.3	21.3	0.0	164.7	72.3	1037.9
y Cerebellum	155.2	152.3	154.6	149.7	183.1	103.4	121.5	162.9	620.3	140.3	181.3	145.2	140.7	200.9	174.6	133.9	168.4	149.6	143.1	195.4	189.3	195.2	172.4	164.7	0.0	112.9	912.0
z Spinal cord	52.7	118.7	60.6	49.3	91.9	95.2	24.1	140.5	623.2	56.9	91.1	51.4	42.6	222.4	80.8	31.6	70.1	54.7	47.1	105.0	99.0	104.9	82.5	72.3	112.9	0.0	970.4
\$ Fetal brain	999.6	922.0	1024.3	1013.2	1060.4	949.7	983.5	865.7	696.3	1022.3	1059.4	1010.2	1011.0	800.9	1049.5	981.3	1037.3	1014.9	1007.8	1072.8	1067.3	1072.7	1046.3	1037.9	912.0	970.4	0.0

Note: increasing values denote increasing distances

