										Analysis performed 190228_105218
	# animal # se- # species quences ge	•	PIGF-1	VEGF-A121	<i>VEGF-A165</i>	VEGF-A206	VEGF-B167	VEGF-B186	VEGF-C	VEGF-D
	57 6 3	ctenophora (comb jellies)	0	0	0	0	0	0	0	0
	1318 34k 2	porifera (sponges)	0	0	0	0	0	0	0	0
	1 36k 2	placozoa	0	0	0	0	0	0	0	0
	3586 115k 18	cnidaria (medusae/polyps)	<b>3</b> 0 (PDGF:0, VEGF:3, ?:0)	<b>13</b> 0 (PDGF:1, VEGF:7, ?:5)	21 1 (PDGF:1, VEGF:11, ?:8)	<b>15</b> 0 (PDGF:1, VEGF:8, ?:6)	<b>79</b> 0 (PDGF:1, VEGF:39, ?:39)	<b>6</b> 0 (PDGF:1, VEGF:4, ?:1)	<b>55</b> 11 (PDGF:0, VEGF:2, ?:42)	<b>26</b> 0 (PDGF:0, VEGF:20, ?:6)
	150 925 0	xenacoelomorpha	0	0	0	0	0	0	0	0
	1724 136k 1	echinodermata	12 0 (PDGF:0, VEGF:9, ?:3)	<b>12</b> 3 (PDGF:0, VEGF:2, ?:7)	<b>17</b> 3 (PDGF:0, VEGF:3, ?:11)	<b>12</b> 3 (PDGF:0, VEGF:2, ?:7)	<b>19</b> 0 (PDGF:0, VEGF:10, ?:9)	<b>18</b> 0 (PDGF:0, VEGF:10, ?:8)	22 2 (PDGF:0, VEGF:5, ?:15)	<b>17</b> 1 (PDGF:0, VEGF:5, ?:11)
	39 23k 2	hemichordata (acorn worm)	ws) 0 (PDGF:0, VEGF:1, ?:0)	<b>3</b> 0 (PDGF:0, VEGF:1, ?:2)	<b>2</b> 0 (PDGF:0, VEGF:1, ?:1)	<b>2</b> 0 (PDGF:0, VEGF:1, ?:1)	<b>3</b> 0 (PDGF:0, VEGF:2, ?:1)	<b>4</b> 0 (PDGF:0, VEGF:2, ?:2)	<b>4</b> 2 (PDGF:0, VEGF:0, ?:2)	<b>4</b> 0 (PDGF:0, VEGF:3, ?:1)
	11 95k 4	cephalochordata (lancelets)	<b>5</b> 0 (PDGF:0, VEGF:4, ?:1)	7 1 (PDGF:0, VEGF:4, ?:2)	7 1 (PDGF:0, VEGF:4, ?:2)	7 1 (PDGF:0, VEGF:4, ?:2)	<b>8</b> 0 (PDGF:0, VEGF:6, ?:2)	<b>7</b> 0 (PDGF:0, VEGF:5, ?:2)	<b>13</b> 4 (PDGF:0, VEGF:1, ?:8)	<b>7</b> 0 (PDGF:0, VEGF:5, ?:2)
	353 64k 6	tunicata	<b>2</b> 0 (PDGF:0, VEGF:1, ?:1)	<b>1</b> 1 (PDGF:0, VEGF:0, ?:0)	<b>1</b> 1 (PDGF:0, VEGF:0, ?:0)	<b>1</b> 1 (PDGF:0, VEGF:0, ?:0)	<b>1</b> 0 (PDGF:0, VEGF:1, ?:0)	<b>1</b> 0 (PDGF:0, VEGF:1, ?:0)	<b>1</b> 0 (PDGF:0, VEGF:1, ?:0)	<b>1</b> 0 (PDGF:0, VEGF:1, ?:0)
	103 8k 3	cyclostomata (hagfish/lamp	rey) <b>0</b>	0	0	0	0	0	0	0
	812 115k 6		us fishes) 25 0 (PDGF:8, VEGF:17, ?:0)	<b>25</b> 11 (PDGF:8, VEGF:6, ?:0)	<b>25</b> 11 (PDGF:8, VEGF:6, ?:0)	<b>24</b> 11 (PDGF:7, VEGF:6, ?:0)	<b>29</b> 0 (PDGF:12, VEGF:17, ?:0)	<b>30</b> 0 (PDGF:12, VEGF:17, ?:1)	<b>29</b> 6 (PDGF:10, VEGF:13, ?:0)	<b>28</b> 2 (PDGF:9, VEGF:17, ?:0)
	18329 2M 18			8) <b>1350</b> 169 (PDGF:332, VEGF:620, ?:22						
	2 35k 1		nned fishes) <b>14</b> 2 (PDGF:3, VEGF:9, ?:0)	<b>15</b> 3 (PDGF:4, VEGF:8, ?:0)	<b>14</b> 3 (PDGF:3, VEGF:8, ?:0)	<b>14</b> 3 (PDGF:3, VEGF:8, ?:0)	<b>17</b> 3 (PDGF:6, VEGF:8, ?:0)	<b>18</b> 3 (PDGF:6, VEGF:8, ?:1)	<b>17</b> 2 (PDGF:6, VEGF:9, ?:0)	<b>17</b> 1 (PDGF:6, VEGF:10, ?:0)
	55K 1		4 0 (PDGF:0, VEGF:4, ?:0)	4 2 (PDGF:0, VEGF:2, ?:0)	4 2 (PDGF:0, VEGF:2, ?:0)	0	4 0 (PDGF:0, VEGF:4, ?:0)	4 0 (PDGF:0, VEGF:4, ?:0)	4 0 (PDGF:0, VEGF:4, ?:0)	4 0 (PDGF:0, VEGF:4, ?:0)
	D 1K U	dipnoi (lungfishes)								79 6 (PDGF:30, VEGF:42, ?:1)
	5520 478k 6		67 0 (PDGF: 22, VEGF: 44, ?:1)			61 27 (PDGF:16, VEGF:17, ?:1)		77 3 (PDGF: 286, VEGF: 479, 2:7)	77 5 (PDGF: 28, VEGF: 43, ?:1)	
	9339 3M 13									8) <b>807</b> 96 (PDGF:312, VEGF:396, ?:3)
	24 179k 4		7 (PDGF:12, VEGF:34, ?:0)		52 17 (PDGF:11, VEGF:24, ?:0)		57 0 (PDGF:16, VEGF:41, ?:0)	63 0 (PDGF:22, VEGF:41, ?:0)	63 9 (PDGF:22, VEGF:32, ?:0)	63 8 (PDGF:22, VEGF:33, ?:0)
	6803 563k 2:			<b>170</b> 46 (PDGF:26, VEGF:37, ?:61)					<b>178</b> 12 (PDGF:31, VEGF:70, ?:65)	
	353 184k 10	testudines (turtles)	72 10 (PDGF:13, VEGF:48, ?:1)	<b>79</b> 30 (PDGF:20, VEGF:28, ?:1)	<b>86</b> 30 (PDGF:22, VEGF:30, ?:4)	<b>67</b> 30 (PDGF:8, VEGF:28, ?:1)	<b>74</b> 8 (PDGF:15, VEGF:50, ?:1)	<b>98</b> 8 (PDGF:37, VEGF:51, ?:2)	<b>99</b> 6 (PDGF:37, VEGF:54, ?:2)	<b>98</b> 5 (PDGF:37, VEGF:55, ?:1)
	5 26k 1	monotremata	6 1 (PDGF:2, VEGF:3, ?:0)	7 1 (PDGF:3, VEGF:3, ?:0)	7 1 (PDGF:3, VEGF:3, ?:0)	7 1 (PDGF:3, VEGF:3, ?:0)	<b>8</b> 0 (PDGF:4, VEGF:4, ?:0)	8 0 (PDGF:4, VEGF:4, ?:0)	8 2 (PDGF:4, VEGF:2, ?:0)	8 1 (PDGF:4, VEGF:3, ?:0)
	324 142k 5	metatheria (marsupials)	<b>29</b> 4 (PDGF:9, VEGF:16, ?:0)	<b>32</b> 4 (PDGF:11, VEGF:17, ?:0)	<b>26</b> 4 (PDGF:5, VEGF:17, ?:0)	<b>26</b> 4 (PDGF:5, VEGF:17, ?:0)	<b>36</b> 4 (PDGF:15, VEGF:17, ?:0)	<b>40</b> 4 (PDGF:19, VEGF:17, ?:0)	<b>39</b> 4 (PDGF:19, VEGF:16, ?:0)	<b>39</b> 5 (PDGF:19, VEGF:15, ?:0)
	4692 8M 18	eutheria (placentals)	<b>1532</b> 244 (PDGF:259, VEGF:822, ?:2	.07) <b>1340</b> 329 (PDGF:58, VEGF:757, ?:196	5) <b>1308</b> 329 (PDGF:27, VEGF:757, ?:19	95) <b>1303</b> 329 (PDGF:26, VEGF:757, ?:1	91) <b>1680</b> 229 (PDGF:371, VEGF:846, ?:	234) <b>1763</b> 229 (PDGF:459, VEGF:842, ?:	233) <b>1586</b> 154 (PDGF:307, VEGF:904, ?:2	221) <b>1774</b> 147 (PDGF:494, VEGF:909, ?:224)
	168 46k 2	tardigrada	<b>2</b> 0 (PDGF:0, VEGF:2, ?:0)	4	6	3	<b>4</b> 0 (PDGF:0, VEGF:4, ?:0)	<b>4</b> 0 (PDGF:0, VEGF:3, ?:1)	<b>4</b> 0 (PDGF:0, VEGF:1, ?:3)	<b>4</b> 0 (PDGF:0, VEGF:3, ?:1)
	89 2k 1	onychophora (velvet worms	0	0	0	0	0	0	0	0
	185 2k 0	pycnogonida (sea spiders)	0	0	0	0	0	0	0	0
	9644 646k 2	arachnida (spiders)	<b>65</b> 2 (PDGF:3, VEGF:21, ?:39)	<b>41</b> 14 (PDGF:2, VEGF:3, ?:22)	<b>39</b> 14 (PDGF:2, VEGF:3, ?:20)	<b>34</b> 13 (PDGF:2, VEGF:3, ?:16)	<b>38</b> 0 (PDGF:3, VEGF:22, ?:13)	<b>35</b> 0 (PDGF:3, VEGF:21, ?:11)	<b>33</b> 1 (PDGF:1, VEGF:13, ?:18)	<b>17</b> 1 (PDGF:2, VEGF:12, ?:2)
	5 39k 1		0 (PDGF:0, VEGF:7, ?:20)	<b>18</b> 7 (PDGF:0, VEGF:0, ?:11)	<b>18</b> 7 (PDGF:0, VEGF:0, ?:11)	<b>18</b> 7 (PDGF:0, VEGF:0, ?:11)	<b>18</b> 0 (PDGF:0, VEGF:7, ?:11)	<b>18</b> 0 (PDGF:0, VEGF:7, ?:11)	<b>11</b> 0 (PDGF:0, VEGF:7, ?:4)	<b>2</b> 0 (PDGF:0, VEGF:2, ?:0)
	949 7k 1	myriapoda (millipeds)	0	0	0	0	0	0	0	0
	10373 947k 2	// No.	<b>16</b> 4 (PDGF:1, VEGF:1, ?:10)	22 1 (PDGF:1, VEGF:5, ?:15)	<b>15</b> 1 (PDGF:1, VEGF:3, ?:10)					
	10575 547K 23			<b>256</b> 39 (PDGF:17, VEGF:29, ?:171)		) <b>213</b> 29 (PDGF:13, VEGF:26, 2:145	) <b>292</b> 2 (PDGF:18, VEGF:68, 2:204)	<b>255</b> 2 (PDGF:16, VEGF:55, 2:182)	<b>132</b> 14 (PDGF:6, VFGF:10, 2:102)	<b>93</b> 2 (PDGF:6, VEGF:27, 2:58)
	28 368 0			0	0	0	0	0	0	0
			1011113)			0	22 0 (PDGF:1 \/FGF:0 2:22)		4	
		nematoda (roundworms)		0	1 0 (DDCE:1 VECE:0 2:0)		23 0 (PDGF:1, VEGF:0, ?:22)	21 • 0 (PDGE:1 VEGE:0 2:0)	4 0 (DDCE:1 VECE:0 2:0)	0
	7 21k 1	priapulida (penis worms)			1 0 (PDGF:1, VEGF:0, ?:0)		1 0 (PDGF:1, VEGF:0, ?:0)	1 0 (PDGF:1, VEGF:0, ?:0)	1 0 (PDGF:1, VEGF:0, ?:0)	
		loricifera		0		0	0	0	0	0
	56 436 0			0	0	0	0	0	0	0
	56 2k 0	•	0	0	0	0	0	0	0	0
	308 3k 0	bryozoa (moss animals)	0	0	0	0	0	0	0	0
	23 155 0	entoprocta	0	0	0	0	0	0	0	0
	2 278 0	cycliophora (symbion)	0	0	0	0	0	0	0	0
	3170 129k 5	🕹 annelida (segmented worms	3 0 (PDGF:0, VEGF:1, ?:2)	3	3	3	<b>3</b> 0 (PDGF:0, VEGF:1, ?:2)	<b>2</b> 0 (PDGF:0, VEGF:1, ?:1)	3	<b>2</b> 0 (PDGF:0, VEGF:1, ?:1)
	13499 742k 20	mollusca	<b>3</b> 0 (PDGF:0, VEGF:0, ?:3)	<b>13</b> 2 (PDGF:0, VEGF:2, ?:9)	<b>13</b> 2 (PDGF:0, VEGF:2, ?:9)	<b>9</b> 2 (PDGF:0, VEGF:2, ?:5)	<b>15</b> 0 (PDGF:0, VEGF:6, ?:9)	<b>10</b> 0 (PDGF:0, VEGF:1, ?:9)	<b>16</b> 0 (PDGF:0, VEGF:1, ?:15)	<b>11</b> 0 (PDGF:0, VEGF:4, ?:7)
	255 5k 1	nemertea (ribbon worms)	0	0	0	0	0	0	0	0
	100 42k 1	brachiopoda (lamp shells)	0	<b>1</b> 0 (PDGF:0, VEGF:1, ?:0)	<b>1</b> 0 (PDGF:0, VEGF:1, ?:0)	<b>1</b> 0 (PDGF:0, VEGF:1, ?:0)	<b>2</b> 0 (PDGF:0, VEGF:1, ?:1)	<b>1</b> 0 (PDGF:0, VEGF:1, ?:0)	<b>3</b> 0 (PDGF:0, VEGF:1, ?:2)	<b>1</b> 1 (PDGF:0, VEGF:0, ?:0)
	14 165 1	phoroniformea (horseshoe v	worms)	0	0	0	0	0	0	0
	118 389 0	gastrotricha (hairybacks)	0	0	0	0	0	0	0	0
	4171 561k 2		0	0	0	0	0	0	0	0
	21 79 0	gnathostomulida (jaw worm		0	0	0	0	0	0	0
	1 2 0	micrognathozoa	0	0	0	0	0	0	0	0
	233 64k 6			0	0	0	0	0		0
					0		0			
	2 9k 1	_								
	24 150 0	dicyemida		0	0	0	0	0	0	0
Force topology is enabled!										

Force topology is enabled!
Branch lengths do not represent real values.