,	<del>-1</del> ,	# animal # se- # (	compl					1/505 1005	1/505 55 55			Analysis performed 190201_121736
		species quences gei	-		PIGF-1	VEGF-A121	VEGF-A165	VEGF-A206	VEGF-B167	VEGF-B186	VEGF-C	VEGF-D
	•	5/ 6 3		ctenophora (comb jellies)			0			0	0	
	-	1318 34k 2		porifera (sponges)			0					
		1 36k 2		placozoa  cnidaria (modusao/polyps)	0 (DDCE:0 VECE:1 2:2)	12 0 (DDCE-1 VECE-E 2-7)	21 1 (DDCE:1 \/ECE:6 2:12)	15 0 (DDCE:1 VECE:5 3:0)	0 (DDCE:1 \/ECE:1E 2:62)	6 0 (DDCE-1 \/ECE-2 2-2)	<b>SE</b> 11 (DDCE-0 VCCC-1 2-42)	26 0 (DDCE:0 VECE:6 2:20)
		3586 115k 18	Allac	cnidaria (medusae/polyps)	3 0 (PDGF:0, VEGF:1, ?:2)	13 0 (PDGF:1, VEGF:5, ?:7)	21 1 (PDGF:1, VEGF:6, ?:13)	15 0 (PDGF:1, VEGF:5, ?:9) 7	79 0 (PDGF:1, VEGF:15, ?:63)	6 0 (PDGF:1, VEGF:3, ?:2)	55 11 (PDGF:0, VEGF:1, ?:43)	26 0 (PDGF:0, VEGF:6, ?:20)
		150 925 0		xenacoelomorpha ashinadarmata	0 (DDCF-0 )/FCF-2 2 0)	12 1 (DDCC-0 VCCC 2 2 2)	17 1 (DDCC-0 )/CCC 2 2 12)	12 1 (DDCC-0 )/CCC-2 2 2)	0 (DDCC-0 )/CCC 4 3 15)	10 0 (DDCF-0 )/FCF 4 2 14)	22 2 (DDCF-0 )/FCF-2 2 10)	17 1 (DDCC-0 VCC-2 2 12)
		1724 136k 11	*			12 1 (PDGF:0, VEGF:2, ?:9)	17 1 (PDGF:0, VEGF:3, ?:13)		19 0 (PDGF:0, VEGF:4, ?:15)	18 0 (PDGF:0, VEGF:4, ?:14)	22 2 (PDGF:0, VEGF:2, ?:18)	17 1 (PDGF:0, VEGF:3, ?:13)
		39 23k 2	<u></u>	hemichordata (acorn wormws)	1 0 (PDGF:0, VEGF:1, ?:0)	3 0 (PDGF:0, VEGF:1, ?:2)	2 0 (PDGF:0, VEGF:1, ?:1)	2 0 (PDGF:0, VEGF:1, ?:1) 3	3 0 (PDGF:0, VEGF:1, ?:2)	4 0 (PDGF:0, VEGF:1, ?:3)	4 2 (PDGF:0, VEGF:0, ?:2)	4 0 (PDGF:0, VEGF:2, ?:2)
		11 95k 4			5 0 (PDGF:0, VEGF:1, 2:1)	7 1 (PDGF:0, VEGF:4, ?:2)	7 1 (PDGF:0, VEGF:0, 2:0)		8 0 (PDGF:0, VEGF:1, 2:0)	7 0 (PDGF:0, VEGF:5, ?:2)	13 4 (PDGF:0, VEGF:1, ?:8)	7 0 (PDGF:0, VEGF:1, 2:0)
		353 64k 6	•	tunicata	2 0 (PDGF:0, VEGF:1, ?:1)	1 (PDGF:0, VEGF:0, ?:0)	1 (PDGF:0, VEGF:0, ?:0)	1 1 (PDGF:0, VEGF:0, ?:0) 1	1 0 (PDGF:0, VEGF:1, ?:0)	1 0 (PDGF:0, VEGF:1, ?:0)	1 0 (PDGF:0, VEGF:1, ?:0)	1 0 (PDGF:0, VEGF:1, ?:0)
		103 8k 3		cyclostomata (hagfish/lamprey)	E 0 (PDCE 0 1/505 1	OF 11 (DD CE 0 1) TO	<b>35</b> 11 (DD CE 0 1) (T	24 11 (DD CE T ) (TE T	0 0 (00005 10 ) (505	20 0 (00005 10 ) (75	20 (00000000000000000000000000000000000	20 2 (DD CE C ) (EC T
		812 115k 6		chondrichthyes (cartilaginous fishes)				24 11 (PDGF:7, VEGF:6, ?:0) 2			29 6 (PDGF:10, VEGF:13, ?:0)	28 2 (PDGF:9, VEGF:17, ?:0)
		18329 2M 180										243) <b>1250</b> 99 (PDGF:249, VEGF:674, ?:228)
		2 35k 1		coelacanthimorpha (lobe-finned fishes)			14 3 (PDGF:0, VEGF:0, 2:2)		17 3 (PDGF:6, VEGF:8, ?:0)	18 3 (PDGF:6, VEGF:8, ?:1)	17 2 (PDGF:6, VEGF:9, ?:0)	17 1 (PDGF:6, VEGF:10, ?:0)
•		6 1k 0	4				4 2 (PDGF:0, VEGF:0, ?:2)		4 0 (PDGF:0, VEGF:2, ?:2)	4 0 (PDGF:0, VEGF:2, ?:2)	4 0 (PDGF:0, VEGF:2, ?:2)	4 0 (PDGF:0, VEGF:2, ?:2)
•		5520 478k 6						61 23 (PDGF:16, VEGF:11, ?:11) 7				
•		9339 3M 133	•									16) <b>807</b> 74 (PDGF:251, VEGF:269, ?:213)
•		24 179k 4						<b>46</b> 17 (PDGF:5, VEGF:24, ?:0) <b>5</b>				63 8 (PDGF:22, VEGF:33, ?:0)
•		6803 563k 21						<b>151</b> 49 (PDGF:9, VEGF:37, ?:56) <b>1</b>			178 12 (PDGF:31, VEGF:73, ?:62)	
•		353 184k 10	~					67 29 (PDGF:6, VEGF:25, ?:7) 7				
•		5 26k 1			6 1 (PDGF:2, VEGF:3, ?:0)	7 1 (PDGF:3, VEGF:3, ?:0)	7 1 (PDGF:3, VEGF:3, ?:0)		8 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									<b>39</b> 4 (PDGF:19, VEGF:15, ?:1)	<b>39</b> 5 (PDGF:19, VEGF:14, ?:1)
•		4692 8M 18	,,,	,,								215) <b>1774</b> 149 (PDGF:496, VEGF:910, ?:219)
•		168 46k 2			2 0 (PDGF:0, VEGF:0, ?:2)		6 0 (PDGF:0, VEGF:0, ?:6)	<b>3</b> 0 (PDGF:0, VEGF:0, ?:3) <b>4</b>	4 0 (PDGF:0, VEGF:0, ?:4)	<b>4</b> 0 (PDGF:0, VEGF:0, ?:4)	<b>4</b> 0 (PDGF:0, VEGF:0, ?:4)	<b>4</b> 0 (PDGF:0, VEGF:0, ?:4)
•		89 2k 1		onychophora (velvet worms)	0	0	0	0	0	0	0	0
•		185 2k 0		pycnogonida (sea spiders)			0			0	0	
•								<b>34</b> 11 (PDGF:1, VEGF:2, ?:20) <b>3</b>			33 1 (PDGF:1, VEGF:12, ?:19)	17 1 (PDGF:1, VEGF:7, ?:8)
•		5 39k 1			<b>27</b> 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:6, ?:5)	2 0 (PDGF:0, VEGF:2, ?:0)
•				myriapoda (millipeds)			0			0	0	
•		10373 947k 25	~							<b>26</b> 0 (PDGF:0, VEGF:2, ?:24)	22 1 (PDGF:0, VEGF:3, ?:18)	15 1 (PDGF:0, VEGF:1, ?:13)
•					<b>196</b> 3 (PDGF:11, VEGF:35, ?:147)		<b>318</b> 49 (PDGF:20, VEGF:32, ?:217)	213 29 (PDGF:13, VEGF:26, ?:145) 2	<b>292</b> 2 (PDGF:18, VEGF:68, ?:204)	<b>255</b> 2 (PDGF:16, VEGF:55, ?:182)	<b>132</b> 14 (PDGF:6, VEGF:10, ?:102)	93 2 (PDGF:6, VEGF:27, ?:58)
•		28 368 0	~	nematomorpha (horsehair worms)	U	0	0			0		
•				nematoda (roundworms)	0		0	0			4 0 (PDGF:0, VEGF:0, ?:4)	2 0 (PDGF:0, VEGF:0, ?:2)
•			MW	priapulida (penis worms)	O .	0	1 0 (PDGF:1, VEGF:0, ?:0)	0	1 0 (PDGF:1, VEGF:0, ?:0)	1 0 (PDGF:1, VEGF:0, ?:0)	1 0 (PDGF:1, VEGF:0, ?:0)	0
		1 1 0	•	loricifera	0		0	0	0	0	0	
		56 436 0	· ·	kinorhyncha (mud dragons)	0	0	0	0	0	0	0	0
		56 2k 0	•	chaetognatha (arrow worms)	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
				_	<b>3</b> 0 (PDGF:0, VEGF:0, ?:3)		<b>3</b> 0 (PDGF:0, VEGF:0, ?:3)	<b>3</b> 0 (PDGF:0, VEGF:0, ?:3)	<b>3</b> 0 (PDGF:0, VEGF:0, ?:3)	2 0 (PDGF:0, VEGF:0, ?:2)	<b>3</b> 0 (PDGF:0, VEGF:0, ?:3)	2 0 (PDGF:0, VEGF:0, ?:2)
		13499 742k 26					<b>13</b> 2 (PDGF:0, VEGF:2, ?:9)	9 2 (PDGF:0, VEGF:2, ?:5) 1	<b>15</b> 0 (PDGF:0, VEGF:3, ?:12)	<b>10</b> 0 (PDGF:0, VEGF:0, ?:10)	<b>16</b> 0 (PDGF:0, VEGF:1, ?:15)	<b>11</b> 0 (PDGF:0, VEGF:3, ?:8)
			,	nemertea (ribbon worms)		0	0	0	0	0	0	0
				brachiopoda (lamp shells)	0	<b>1</b> 0 (PDGF:0, VEGF:1, ?:0)	<b>1</b> 0 (PDGF:0, VEGF:1, ?:0)	1 0 (PDGF:0, VEGF:1, ?:0) 2	2 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	7	phoroniformea (horseshoe worms)	0	0	0	0	0	0	0	0
		118 389 0		gastrotricha (hairybacks)	0	0	0	0	0	0	0	0
		4171 561k 27		platyhelminthes (flatworms)	0	0	0	0	0	0	0	0
		21 79 0	_	gnathostomulida (jaw worms)	0	0	0	0	0	0	0	0
		1 2 0		micrognathozoa	9	0	0	0	0	0	0	0
		233 64k 6		rotifera (wheel animals)	<b>1</b> 0 (PDGF:1, VEGF:0, ?:0)	0	<b>1</b> 0 (PDGF:1, VEGF:0, ?:0)	0	1 0 (PDGF:1, VEGF:0, ?:0)	<b>2</b> 0 (PDGF:1, VEGF:0, ?:1)	<b>1</b> 0 (PDGF:1, VEGF:0, ?:0)	<b>1</b> 0 (PDGF:1, VEGF:0, ?:0)
		2 9k 1	_	orthonectida	0	0	0	0	0	0	0	0
		24 150 0		dicyemida	9	0	0	0	0	0	0	0
e topology is enabled! ch lengths do not represent real values.												
ch lengths do not represent real values.												