

SUPPLEMENTARY MATERIAL

(Supp. File S1)

corresponding to:

Comparative analysis of pleurodiran and cryptodiran turtle embryos depicts the molecular ground pattern of the turtle carapacial ridge

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SHIGEHIRO KURAKU and SHIGERU KURATANI

SUPPLEMENTARY FILE S1. VISTA Annotations

Pelodiscus sinensis VISTA annotation:

> 5001 670247 ERC2
5001 5150 UTR
5151 5807 exon
155015 155038 exon
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301829 301996 exon
398798 398965 exon
494411 494548 exon
509455 509595 exon
512090 512230 exon
515116 515151 exon
523985 524178 exon
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669903 670067 exon
670068 670247 UTR

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1171883 1172338 exon
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Chelonia mydas VISTA annotation:

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Chrysemys picta bellii VISTA annotation:

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1425206 1425277 exon
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Gallus gallus VISTA annotation:

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Taenopygia guttata VISTA annotation:

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Mus musculus VISTA annotation:

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1440906 1441003 exon
1441161 1441206 exon
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1480343 1480417 exon
1486225 1486305 exon
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1507225 1507242 exon
1553063 1553196 exon
1566122 1566200 exon
1675624 1675737 exon
1683296 1683385 exon
1716268 1716342 exon
1729440 1729590 exon
1729681 1729741 exon
1734371 1734502 exon
1778980 1779142 exon
1850456 1850515 exon
1917040 1917156 exon
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2104205 2104326 exon
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> 1400767 1416201 Lrtm1
1400767 1401125 UTR
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1404179 1404775 exon
1409883 1410313 exon
1410314 1416201 UTR

Monodelphis domestica VISTA annotation:

> 5001 816325 ERC2
5001 5542 UTR
34363 34502 UTR
34503 35159 exon
150591 151007 exon
256927 257001 exon
281678 281833 exon
290174 290341 exon
357799 357966 exon
404803 404940 exon
418307 418447 exon
420861 421001 exon
425268 425303 exon
437216 437409 exon
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731805 731952 exon
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816248 816325 UTR

> 1061327 1081785 WNT5A
1061327 1061332 exon
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1069771 1070021 exon
1075386 1075678 exon
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1078567 1081785 UTR

< 1552734 2592637 CACNA2D3
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1638104 1638148 exon
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1740084 1740179 exon
1742041 1742134 exon
1744310 1744407 exon
1744566 1744611 exon
1755341 1755408 exon
1756872 1756933 exon
1757194 1757265 exon
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1918803 1918881 exon
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2107273 2107347 exon
2123832 2123982 exon
2124077 2124137 exon
2135026 2135157 exon
2206128 2206290 exon
2298016 2298075 exon
2381767 2381875 exon

2526187 2526194 exon
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2592516 2592637 exon

> 1693710 1703916 LRTM1
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Danio rerio VISTA annotation:

> 5001 25558 ERC2
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8317 8484 exon
9160 9297 exon
9910 9996 exon
12705 12898 exon
14431 14509 exon
15047 15207 exon
23235 23307 exon
25293 25412 exon
25532 25558 exon

> 48612 58870 WNT5A
48612 49082 UTR
52404 52406 UTR
52407 52531 exon
53908 54155 exon
55639 55931 exon
58155 58613 exon
58614 58870 UTR

> 78812 91499 LRTM1
78812 78818 exon
84488 85075 exon
87204 87679 exon
87680 91499 UTR

< 64181 148318 CACNA2D3
64181 64243 exon
64935 65022 exon
65894 66004 exon
67382 67499 exon
67784 67842 exon

67968 68020 exon
71657 71732 exon
72574 72644 exon
73273 73335 exon
73422 73466 exon
74751 74822 exon
83489 83543 exon
87764 87777 exon
93452 93459 exon
97775 97899 exon
99323 99418 exon
100492 100587 exon
103072 103164 exon
103268 103313 exon
104512 104579 exon
104962 105023 exon
106163 106234 exon
108003 108086 exon
109106 109180 exon
111538 111618 exon
113101 113169 exon
118629 118774 exon
118905 118983 exon
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122827 122893 exon
125580 125654 exon
126163 126313 exon
127470 127533 exon
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132834 132996 exon
147773 147832 exon
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