

Supplementary Table 1. Location of the platypus TCR α / δ V gene segments in Scaffold 588 of the current assembly (*Ornithorhynchus anatinus*-5.0.).

V α 1	495011 - 494723	V α 11.3	372344 - 372056
V α 2.1	479971 - 479685	V α 3.6	370446 - 370163
V α 2.2	478126 - 477844	V α 8.16	367602 - 367317
V α 3.1	475438 - 475153	V α 12	364461 - 364177
V α 3.2	472621 - 472336	V α 4.11	362313 - 362025
V α 4.1	470070 - 469782	V α 4.12	359388 - 359098
V α 5.1	469177 - 468891	V α 7.2	357807 - 357506
V α 6.1	466695 - 466399	V α 8.17	355453 - 355165
V α 6.2	465165 - 464885	V α 13	351501 - 351208
V α 3.3	461892 - 461803	V α 4.13	349533 - 349243
V α 3.4	458490 - 458205	V α 4.14	347266 - 346971
V α 7.1	455694 - 455413	V α 4.15	342649 - 342359
V α 3.5	452618 - 452331	V α 4.16	336887 - 336597
V α 8.1	450607 - 450315	V α 4.17	329802 - 329513
V α 9	445415 - 445191	V α 5.2	326149 - 325854
V α 8.2	442820 - 442530	V α 4.18	322500 - 322213
V α 8.3	441417 - 441128	V α 4.19	319544 - 319247
V α 9.4	439206 - 438914	V α 4.20	316362 - 316075
V α 8.5	436795 - 436506	V α 4.21	313076 - 312786
V α 8.6	434410 - 434118	V α 4.22	310214 - 309924
V α 8.7	431702 - 431413	V α 4.23	306776 - 306483
V α 8.8	428468 - 428172	V α 4.24	303559 - 303269
V α 8.9	426016 - 425723	V α 4.25	300294 - 300004
V α 8.10	425204 - 424974	V α 6.3	298239 - 297944
V α 8.11	424140 - 423848	V α 8.18	296965 - 296676
V α 10.1	421711 - 421419	V α 6.4	295209 - 294929
V α 8.12	419522 - 419229	V α 14.1	294255 - 293966
V α 10.2	416483 - 416189	V α 14.2	292483 - 292194
V α 8.13	414810 - 414509	V α 14.3	290605 - 290315
V α 4.2	413500 - 413208	V α 14.4	288736 - 288447
V α 4.3	411166 - 410876	V α 14.5	286955 - 286665
V α 4.4	408958 - 408668	V α 14.6	286095 - 285805
V α 8.14	406808 - 406515	V α 15.1	280497 - 280208
V α 4.5	405040 - 404746	V α 15.2	277896 - 277606
V α 4.6	401474 - 401188	V α 15.3	276084 - 275794
V α 8.15	398886 - 398594	V α 15.4	273068 - 272779
V α 4.7	394466 - 394177	V α 15.5	270770 - 270468
V α 4.8	391014 - 390726	V α 15.6	267725 - 267439
V α 4.9	388654 - 388408	V α 15.7	265404 - 265115
V α 4.10	384388 - 384102	V α 15.8	258140 - 257851
V α 11.1	383520 - 383228	V α 15.9	255001 - 254700
V α 11.2	376674 - 376376	V α 15.10	258152 - 257851

Cont. Supplementary Table 1. Location of the platypus TCR α / δ V gene segments in Scaffold 588 of the current assembly (*Ornithorhynchus anatinus*-5.0.).

V α 15.11	255001 - 254699	V δ 1.4	220713 - 220420
V α 15.12	252107 - 251817	V δ 1.5	218956 - 218667
V α 15.13	248282 - 247982	V δ 1.6	216368 - 216080
V α 16	245943 - 245653	V δ 1.7	214329 - 214041
V α 17	237310 - 237030	V δ 1.8	211531 - 211240
V δ 1.1	231932 - 231643	V δ 1.9	207635 - 207329
V δ 1.2	226089 - 225796	VH δ	203484 - 203182
V δ 1.3	223137 - 222847	V δ 2	154694 - 154993

Location of the platypus TCR α / δ D and J gene segments and C δ in Scaffold 588 of the current assembly (*Ornithorhynchus anatinus*-5.0.).

D δ 1	197651 - 197573	J α	140204 - 140099
D δ 2	193772 - 193693	J α	139289 - 139174
J δ 1	192668 - 192581	J α	138530 - 138426
J δ 2	190486 - 190385	J α	136648 - 136557
J δ 3	187971 - 187877	J α	135920 - 135824
J δ 4	185590 - 185497	J α	134709 - 134614
J δ 5	183266 - 183178	J α	132987 - 132893
J δ 6	181080 - 180987	J α	132526 - 132427
J δ 7	178965 - 178863	J α	130993 - 130897
C δ	165657 - 165353	J α	128336 - 128240
		J α	126922 - 126819
J α	150769 - 150672	J α	125256 - 125167
J α	150077 - 149982	J α	124739 - 124633
J α	149647 - 149548	J α	120905 - 120794
J α	149453 - 149363	J α	118640 - 118546
J α	148176 - 148084	J α	117376 - 117291
J α	146619 - 146525	J α	113181 - 113086
J α	145223 - 145134	J α	112175 - 112075
J α	142912 - 142822	J α	110085 - 109985
J α	141900 - 141813	J α	108422 - 108336
J α	141191 - 141096		

Location of the platypus TCR α J gene segments and C α in UltraContig 684 of the current assembly (*Ornithorhynchus anatinus*-5.0.).

J α	33057 - 32961
J α	31748 - 31653
C α	29891 - 29629