G alpha Sequences

Sabrina Islam

March 29, 2022

List of Tables

Table 1: $G_{\alpha i1}$ sequences

Species	Accession	Identity %
Dmel	NP_477502.1	77.7
Hsap	NP_002060.4	100.0
Ptro	XP_001159548.1	100.0
Mmus	NP_034435.1	100.0
Rnor	NP_037277.1	99.7
Ggal	NP_990734.1	98.0
Xtro	NP_001090865.1	98.0
Drer	NP_957265.1	96.9

Table 2: $G_{\alpha i2}$ sequences

Species	Accession	Identity %
Hsap	NP_002061.1	100.0
Ptro	NP_001267066.1	99.7
Mmus	NP_032164.2	98.3
Rnor	NP_112297.1	98.6
Ggal	NP_990733.1	95.2
Xtro	NP_989250.1	94.4
Drer	NP_001001818.1	87.3

Table 3: $G_{\alpha i3}$ sequences

Species	Accession	Identity %
Hsap	NP_006487.1	100.0
Ptro	XP_513624.1	100.0
Mmus	NP_034436.1	98.3
Rnor	NP_037238.1	98.6
Ggal	NP_989580.1	94.9
Xtro	NP_001011471.1	93.5
Drer	NP_001104720.1	90.7

Table 4: $G_{\alpha o}$ sequences

Species	Accession	Identity %
Hsap a	NP_066268.1	100.0
Hsap b	NP_620073.2	100.0
Ptro X1	XP_510976.3	100.0
Ptro X2	XP_009429118.1	100.0
Mmus a	NP_034438.1	98.0
Mmus b	NP_001106855.1	97.7
Rnor	NP_059023.1	98.6
Ggal	NP_001264479.1	98.3
Xtro	XP_012816612.1	92.1
Drer	NP_957081.1	95.8
Dmel a	NP_523684.2	82.2
Dmel b	NP_724934.1	83.1
Dmel c	NP_724935.1	82.2
Dmel d	NP_788304.1	83.1
Dmel e	NP_788305.1	83.1
Dmel f	NP_788306.1	83.1
Dmel g	NP_788307.1	83.1
Dmel h	NP_995802.1	83.1
Dmel i	NP_995801.1	82.2

Table 5: $G_{\alpha z}$ sequences

Species	Accession	Identity %
Hsap	NP_002064.1	100.0
Ptro	XP_016795016.1	100.0
Mmus	NP_001345777.1	98.3
Rnor	NP_037321.1	98.3
Ggal	XP_001232445.1	97.2
Xtro	XP_012821008.1	96.3
Drer	XP_005155690.2	94.4

Table 6: $G_{\alpha t}$ sequences

Species	Accession	Identity %
Hsap	NP_000163.2	100.0
Ptro	XP_001167971.1	100.0
Mmus	NP_032166.1	99.4
Rnor	NP_001102250.2	99.1
Ggal	NP_990022.1	96.6
Xtro	NP_001096278.1	94.9
Drer	NP_571943.1	93.1
Drer	NP_571944.1	76.3

Table 7: $G_{\alpha q}$ sequences

Species	Accession	Identity %
Dmel	NP_725195.1	83.6
Dmel	NP_725192.2	72.9
Hsap	NP_002063.2	100.0
Ptro	XP_016816477.1	100.0
Mmus	NP_032165.3	99.7
Rnor	NP_112298.1	99.4
Ggal	NP_001026598.1	98.6
Xtro	NP_001037982.1	96.7
Drer	NP_001138271.1	92.8

Table 8: $G_{\alpha 11}$ sequences

Species	Accession	Identity %
Hsap	NP_002058.2	100.0
Ptro	XP_016792519.1	100.0
Mmus	NP_034431.1	98.1
Rnor	NP_112295.1	96.7
Ggal	NP_989565.1	97.2
Xtro	NP_989150.1	92.8
Drer	NP_001038501.1	78.9
Drer	NP_001007774.1	90.8

Table 9: $G_{\alpha 14}$ sequences

Species	Accession	Identity %
Hsap	NP_004288.1	100.0
Ptro	XP_528331.2	99.7
Mmus	NP_032163.3	96.9
Rnor	NP_001013169.1	97.5
Ggal	XP_429163.2	91.0
Xtro	NP_001083750.2	90.7
Xtro	NP_001089856.1	89.3
Drer	NP_001003753.1	65.9

Table 10: $G_{\alpha 15}$ sequences

Species	Accession	Identity %
Hsap	NP_002059.3	100.0
Ptro	XP_016792520.1	100.0
Mmus	NP_034434.1	84.8
Rnor	NP_445994.1	86.1
Drer	NP_001003626.2	56.3
Drer	NP_001038454.1	39.7

Table 11: $G_{\alpha s}$ sequences

Species	Accession	Identity %
Hsap g	NP_001070957.1	100.0
Ptro g	XP_016793682.2	100.0
Mmus g	NP_001350959.1	99.7
Rnor g	NP_001346796.1	97.9
Ggal	XP_024998121.1	93.1
Xtro	XP_012810204.1	91.8
Drer 2	XP_005172181.1	90.0
Hsap f	NP_001070956.1	100.0
Ptro f	XP_016793681.2	100.0
Mmus f	XP_006498837.1	99.7
Hsap SL	NP_000507.1	100.0
Ptro SL	XP_016793678.2	100.0
Mmus SL	NP_001297012.1	99.7
Rnor SL	NP_062005.1	99.7
Hsap SS	NP_536351.1	100.0
Ptro SS	XP_024207805.1	100.0
Mmus SS	NP_001070978.1	99.7
Dmel A	NP_477506.1	73.0
Dmel B	NP_477505.1	72.5