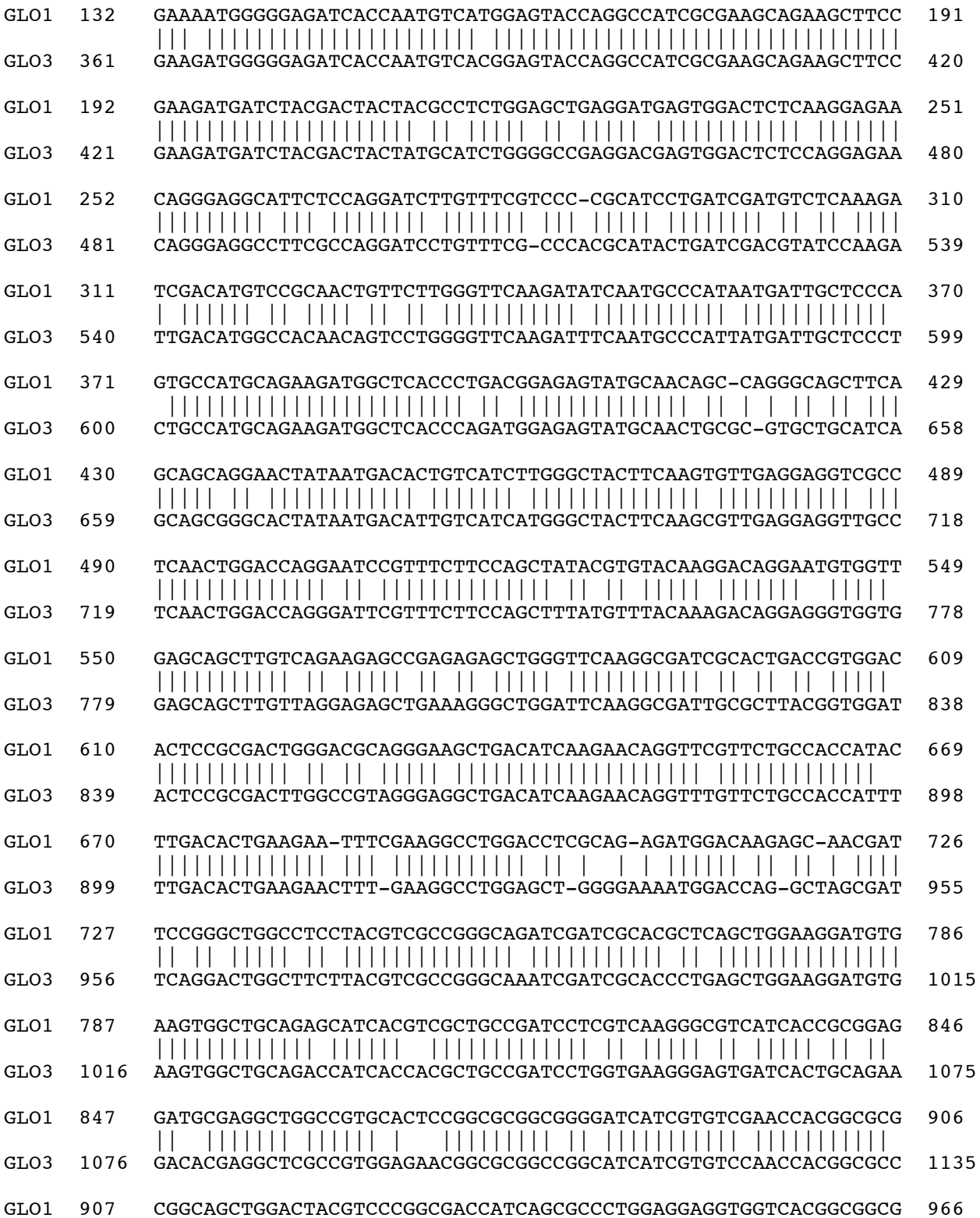
Figure S1


A. GLO1 vs GLO3
GLO1 132 GAAAATGGGGGAGATCACCAATGTCATGGAGTACCAGGCCATCGCGAAGCAGAAGCTTCC 191
GLO3 361 GAAGATGGGGGAGATCACCAATGTCACGGAGTACCAGGCCATCGCGAAGCAGAAGCTTCC 420
GLO1 192 GAAGATGATCTACGACTACTACGCCTCTGGAGCTGAGGATGAGTGGACTCTCAAGGAGAA 251
GLO3 421 GAAGATGATCTACGACTACTATGCATCTGGGGCCGAGGACGAGTGGACTCTCCAGGAGAA 480
GLO1 252 CAGGGAGGCATTCTCCAGGATCTTGTTTCGTCCC-CGCATCCTGATCGATGTCTCAAAGA 310
GLO3 481 CAGGGAGGCCTTCGCCAGGATCCTGTTTCG-CCCACGCATACTGATCGACGTATCCAAGA 539
GLO1 311 TCGACATGTCCGCAACTGTTCTTGGGTTCAAGATATCAATGCCCATAATGATTGCTCCCA 370
GLO3 540 TTGACATGGCCACAACAGTCCTGGGGTTCAAGATTTCAATGCCCATTATGATTGCTCCCT 599
GLO1 371 GTGCCATGCAGAAGATGGCTCACCCTGACGGAGAGTATGCAACAGC-CAGGGCAGCTTCA 429
GLO3 600 CTGCCATGCAGAAGATGGCTCACCCAGATGGAGAGTATGCAACTGCGC-GTGCTGCATCA 658
GLO1 430 GCAGCAGGAACTATAATGACACTGTCATCTTGGGCTACTTCAAGTGTTGAGGAGGTCGCC 489
GLO3 659 GCAGCGGGCACTATAATGACATTGTCATCATGGGCTACTTCAAGCGTTGAGGAGGTTGCC 718
GLO1 490 TCAACTGGACCAGGAATCCGTTTCTTCCAGCTATACGTGTACAAGGACAGGAATGTGGTT 549
GLO3 719 TCAACTGGACCAGGGATTCGTTTCTTCCAGCTTTATGTTTACAAAGACAGGAGGGTGGTG 778
GLO1 550 GAGCAGCTTGTCAGAAGAGCCGAGAGAGCTGGGTTCAAGGCGATCGCACTGACCGTGGAC 609
GLO3 779 GAGCAGCTTGTTAGGAGAGCTGAAAGGGCTGGATTCAAGGCGATTGCGCTTACGGTGGAT 838
GLO1 610 ACTCCGCGACTGGGACGCAGGGAAGCTGACATCAAGAACAGGTTCGTTCTGCCACCATAC 669
GLO3 839 ACTCCGCGACTTGGCCGTAGGGAGGCTGACATCAAGAACAGGTTTGTTCTGCCACCATTT 898
GLO1 670 TTGACACTGAAGAA-TTTCGAAGGCCTGGACCTCGCAG-AGATGGACAAGAGC-AACGAT 726
GLO3 899 TTGACACTGAAGAACTTT-GAAGGCCTGGAGCT-GGGGAAAATGGACCAG-GCTAGCGAT 955
GLO1 727 TCCGGGCTGGCCTCCTACGTCGCCGGGCAGATCGATCGCACGCTCAGCTGGAAGGATGTG 786
GLO3 956 TCAGGACTGGCTTCTTACGTCGCCGGGCAAATCGATCGCACCCTGAGCTGGAAGGATGTG 1015
GLO1 787 AAGTGGCTGCAGAGCATCACGTCGCTGCCGATCCTCGTCAAGGGCGTCATCACCGCGGAG 846
GLO3 1016 AAGTGGCTGCAGACCATCACCACGCTGCCGATCCTGGTGAAGGGAGTGATCACTGCAGAA 1075
GLO1 847 GATGCGAGGCTGGCCGTGCACTCCGGCGCGGCGGGGATCATCGTGTCGAACCACGGCGCG 906
GLO3 1076 GACACGAGGCTCGCCGTGGAGAACGGCGCGGCCGGCATCATCGTGTCCAACCACGGCGCC 1135
GLO1 907 CGGCAGCTGGACTACGTCCCGGCGACCATCAGCGCCCTGGAGGAGGTGGTCACGGCGGCG 966

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            || |||||||||||||||||||| |||||||||||||| |||||||| || | ||||||
GLO3  1136  CGCCAGCTGGACTACGTCCCGGCCACCATCAGCGCCCTCGAGGAGGTTGTGAAGGCGGC-  1194

GLO1  967   GCG-GGGC-GCATCCCGGTGTACCTCGACGGCGGCGTCCGCCGCGGCACCGACGTCTTCA  1024
             || |||| || |||| || | ||||||||||||||||||||||||||||||||||||||
GLO3  1195  TCGCGGGCAGC-TCCCCGTCTTCCTCGACGGCGGCGTCCGCCGCGGCACCGACGTCTTCA  1253

GLO1  1025  AGGCGCTCGCCCTCGGCGCCGCCGGCGTCTTCATCGGGAGGCCGGTGGTGTTCGCGCTGG  1084
            |||||||||||||||||||||||||||||||||||||||||||||||||||||||| ||||||
GLO3  1254  AGGCGCTCGCCCTCGGCGCCGCCGGCGTCTTCATCGGGAGGCCGGTGGTGTTCTCGCTGG  1313

GLO1  1085  CGGCGGAGGGGGAGGCCGGGGTGAGGAACGTGCTGCGGATGATGCGGGAGGAGTTCGAGC  1144
            |||||| |||||||||||| ||  |||||||||||| |||| | || || ||||||||||
GLO3  1314  CGGCGGCGGGGGAGGCCGGAGTCCGGAACGTGCTGCAGATGCTCCGCGACGAGTTCGAGC  1373

GLO1  1145  TCACCATGGCGCTCAGCGGATGCACCTCGCTCGCCGACATCACCCGCGCCCACATC-TAC  1203
            |||||||||||||||||| |||||||| ||||||||||||||||||  |||| || | |
GLO3  1374  TCACCATGGCGCTCAGCGGCTGCACCTCCCTCGCCGACATCACCCGCAACCACGTCAT-C  1432

GLO1  1204  ACCGACGCCGAC  1215
            ||||| ||||||
GLO3  1433  ACCGAGGCCGAC  1444
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B. GLO1 vs GLO4

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GLO1  775   TGGAAGGATGTGA-AGTGGCTGC-AGAGCATCACGTC-GC-TGCCGATC-CTCGTCAAGG  829
            ||||||||| | | ||||||| | ||  ||| ||  | || ||||||||  || ||||||
GLO4  711   TGGAAGGATAT-AGAGTGGCT-CAAGTCCATAAC--CAGCATGCCGATCTTTC-TCAAGG  765

GLO1  830   GCGTCATCACCGCGGAGGATGCGAGGCTG-GCCGTGCACTCCGGCGCGG-CGGGGATCAT  887
            || || ||||||| ||||| ||||||  | || ||| |  |||| | || ||| | | ||
GLO4  766   GCATCGTCACCGCTGAGGACGCGAGG-AGAGCAGTGGAGGCCGGGGTGGCCGGCG-TGAT  823

GLO1  888   CGTGTCGAACCACGGCGCGCGGCAGCTGGACTACGTC-CCGGCGACCATCAGC-GCCCTG  945
            ||| || |||||||||||||||||||||||||||| | |||||||||||| || ||||||
GLO4  824   CGTCTCCAACCACGGCGCGCGGCAGCTGGACTACG-CGCCGGCGACCATC-GCCGCCCTG  881

GLO1  946   GAGGAGGTGGTCACGGCGGCGGCGGGGCGCA-TCCCGGTG-TACCTCGACGGCGGCGTCC  1003
            || |||||||||| ||||| ||| || |||  | |||||| |   ||||||||||  |||
GLO4  882   GAAGAGGTGGTCAGGGCGGTGGCCGG-CGCCGTGCCGGTGCTGG-TCGACGGCGGAATCC  939

GLO1  1004  GCCGCGGCACCGACGTCTTCAAGGCGCTCGCCCTCGGCGC-CGCCGGCG-TCTTCATCGG  1061
            | || ||||| ||||| |||||||| || || |||||||| ||  |||| || |  | ||
GLO4  940   GGCGAGGCACTGACGTGTTCAAGGCCCTGGCGCTCGGCGCACG--GGCGGTCATGGTTGG  997

GLO1  1062  GAGGCCGGTGGTGTTCGCGCTGGCGGCGGAGGGGG-AGGCCGGGGTGAGGAACGTGCTGC  1120
            |||||||||| | |||| |||||||||| |||||| |||| || | |||| ||||| | |
GLO4  998   GAGGCCGGTGTTCTTCGGGCTGGCGGCG-AGGGGGGAGGCAGGCGCGAGGCACGTGAT-C  1055

GLO1  1121  G-GATGATG--CGGGAGGAGTTCGAGCTCACCATGGCGCTCAGCGGATGCACCTCGC-TC  1176
            | |||| |   |||  | || | ||| |  |||||||||| |||| ||| |   || ||
GLO4  1056  GAGATGCTCAACGGC-G-AGCTGGAGGTGGCCATGGCGCTCTGCGGCTGC-CGGAGCGTC  1112

GLO1  1177  GCCGACATCACCCGC-GCC  1194
            | ||| ||||||||| |||
GLO4  1113  GGCGAGATCACCCGCAGCC  1131
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