Sequences of the TSPO constructs

pigTSPO-3C-GFP-10xHis

ATGGCCCCCCCTTGGCTGCCTGCCGTGGGCTTTACCCTGGTGCCCAGCCTGGGCGGCTTTCTGAGCAGCAGGA
ACGTGCTGGGCAAGGGCCTGCACTGGTATGCCGGCCTGCAGAAGCCTAGCTGGCACCCTCCCCACTGGACCCT
GGCTCCTATCTGGGGCACCCTGTACAGCGCCATGGGCTACGGCAGCTACATGATCTGGAAGGAGCTGGGCGG
CTTCAGCGAGGAGGCTGTGGTGCCTCTGGGCCTGTATGCCGGACAGCTGGCCCTGAATTGGGCCTGGCCCCCT
CTGTTCTTTGGCGCCAGACAGATGGGCTGGGCCCTGGTGGATCTGGTGCTGACCGGAGGAGTGGCTGCCGCT
ACAGCCGTGGCCTGGTACCAGGTCAGCCCTCTGGCTGCCAGGCTGCTGTACCCCTATCTGGCCTGGCTGGCCTT
TGCCGCCACCCTGAACTACTGCGTGTGGAGGGACAACCAGGGCAGGAGAGGCGGCAGAAGACCCAGCGAGG
CGGCCGCGGCCGCACTGGAGGTGCTGTTCCAGGGACCTGGCGGAGTGAGCAAGGGCGAGGAGCTGTTCACC
GGGGTGGTGCCCATCCTGGTCGAGCTGGACGGCGACGTAAACGGCCACAAGTTCAGCGTGTCCGGCGAGGG
CGAGGGCGATGCCACCTACGGCAAGCTGACCCTGAAGTTCATCTGCACCACCGGCAAGCTGCCCGTGCCCTGG
CCCACCCTCGTGACCACCTTCGGCTACGGCCTGCAGTGCTTCGCCCGCTACCCCGACCACATGAAGCAGCACGA
CTTCTTCAAGTCCGCCATGCCCGAAGGCTACGTCCAGGAGCGCACCATCTTCTTCAAGGACGACGGCAACTACA
AGACCCGCGCCGAGGTGAAGTTCGAGGGCGACACCCTGGTGAACCGCATCGAGCTGAAGGGCATCGACTTCA
AGGAGGACGGCAACATCCTGGGGCACAAGCTGGAGTACAACTACAACAGCCACAACGTCTATATCATGGCCG
ACAAGCAGAAGAACGGCATCAAGGTGAACTTCAAGATCCGCCACAACATCGAGGACGGCAGCGTGCAGCTCG
CCGACCACTACCAGCAGAACACCCCCATCGGCGACGGCCCCGTGCTGCTGCCCGACAACCACTACCTGAGCTA
CCAGTCCGCCCTGAGCAAAGACCCCAACGAGAAGCGCGATCACATGGTCCTGCTGGAGTTCGTGACCGCCGCC
GGGATCACTCTCGGCATGGACGAGCTGTACAAGGCTGCACACCATCACCATCACCATCACCATCACCATTAA

Protein sequence (TSPO indicated in red):

MAPPWLPAVGFTLVPSLGGFLSSRNVLGKGLHWYAGLQKPSWHPPHWTLAPIWGTLYSAMGYGSYMIWKELGG
FSEEAVVPLGLYAGQLALNWAWPPLFFGARQMGWALVDLVLTGGVAAATAVAWYQVSPLAARLLYPYLAWLAF
AATLNYCVWRDNQGRRGGRRPSEAAAAALEVLFQGPGGVSKGEELFTGVVPILVELDGDVNGHKFSVSGEGEGD
ATYGKLTLKFICTTGKLPVPWPTLVTTFGYGLQCFARYPDHMKQHDFFKSAMPEGYVQERTIFFKDDGNYKTRAEV
KFEGDTLVNRIELKGIDFKEDGNILGHKLEYNYNSHNVYIMADKQKNGIKVNFKIRHNIEDGSVQLADHYQQNTPIG
DGPVLLPDNHYLSYQSALSKDPNEKRDHMVLLEFVTAAGITLGMDELYKAAHHHHHHHHHH*

pigTSPO-YFP-strepII

ATGGCTCCTCCATGGCTGCCTGCCGTGGGCTTTACACTGGTGCCTAGCCTGGGCGGCTTCCTGAGCAGCAGAA
ACGTGCTGGGCAAGGGCCTGCATTGGTACGCCGGACTGCAGAAGCCTAGCTGGCACCCTCCTCACTGGACCCT
GGCCCCTATCTGGGGCACACTGTACAGCGCCATGGGCTACGGCAGCTACATGATCTGGAAAGAGCTGGGCGG
ATTCAGCGAAGAGGCCGTGGTGCCTCTGGGCCTGTATGCTGGACAGCTGGCCCTGAATTGGGCCTGGCCCCCT
CTGTTCTTTGGCGCCAGACAGATGGGATGGGCCCTGGTGGATCTGGTGCTGACAGGCGGAGTGGCCGCTGCT
ACAGCCGTGGCTTGGTATCAGGTGTCCCCTCTGGCCGCCAGACTGCTGTACCCTTATCTGGCCTGGCTGGCCTT
TGCCGCCACCCTGAATTACTGCGTGTGGCGGGACAACCAGGGCAGGCGGTCTAAGGGCGAGGAACTGTTTAC
CGGCGTGGTGCCCATCCTGGTGGAACTGGATGGCGACGTGAACGGCCACAAGTTCAGCGTGTCCGGCGAGGG
CGAAGGCGACGCCACATACGGAAAGCTGACCCTGAAGTTCATCTGCACCACCGGCAAGCTGCCCGTGCCTTGG
CCAACCCTCGTGACCACATTTGGCTACGGCCTGCAGTGCTTCGCCAGATACCCCGACCACATGAAGCAGCACG
ATTTCTTCAAGAGCGCCATGCCCGAGGGCTACGTGCAGGAACGGACCATCTTCTTCAAGGACGACGGCAACTA
CAAGACCAGAGCCGAAGTGAAGTTCGAGGGCGACACCCTCGTGAACCGGATCGAGCTGAAGGGCATCGACTT

CAAAGAGGATGGCAACATCCTGGGCCACAAGCTGGAGTACAACTACAACAGCCACAACGTGTACATCATGGC
CGACAAGCAGAAAAACGGCATCAAAGTGAACTTCAAGATCCGGCACAACATCGAGGACGGCAGCGTGCAGCT
GGCCGACCACTACCAGCAGAACACCCCCATCGGAGATGGCCCCGTGCTGCTGCCCGACAACCACTACCTGAGC
TACCAGAGCGCCCTGAGCAAGGACCCCAACGAGAAGCGGGACCACATGGTGCTGCTGGAATTTGTGACCGCC
GCTGGCATCACCAGCGCCTGGTCCCACCCTCAGTTCGAGAAGTGA

Protein sequence (TSPO indicated in red):

MAPPWLPAVGFTLVPSLGGFLSSRNVLGKGLHWYAGLQKPSWHPPHWTLAPIWGTLYSAMGYGSYMIWKELGG
FSEEAVVPLGLYAGQLALNWAWPPLFFGARQMGWALVDLVLTGGVAAATAVAWYQVSPLAARLLYPYLAWLAF
AATLNYCVWRDNQGRRSKGEELFTGVVPILVELDGDVNGHKFSVSGEGEGDATYGKLTLKFICTTGKLPVPWPTLV
TTFGYGLQCFARYPDHMKQHDFFKSAMPEGYVQERTIFFKDDGNYKTRAEVKFEGDTLVNRIELKGIDFKEDGNILG
HKLEYNYNSHNVYIMADKQKNGIKVNFKIRHNIEDGSVQLADHYQQNTPIGDGPVLLPDNHYLSYQSALSKDPNEK
RDHMVLLEFVTAAGITSAWSHPQFEK*