

Fly 2.0 10x STD, *Drosophila melanogaster* gene cloned into pIDTBlue vector

Design: CLC Genomic Workbench software. QIAGEN, Germantown MD

Design by: Ellen Perkowski, PhD

Confirmation: Maxiprepped and sequenced on Ion Torrent PGM, original file

FLY2.0_R_2014_11_17_13_24_11_user_PG1-145-DittmerPlasmids2_sample_IonXpress_031.fastq

Original order received 2016-09-29

Vendor: Integrated DNA Technologies (IDT), Inc. Coralville, IA

Name: fly_v2

MiniGene 25-500bp

Vector: pIDTBlue Ampicillin 5' to T7 promoter

Insert:

AGCGTTTTAAGCTCCAACGA**TCTCTGTGTAAAGATAAAAATATTGTAATTCATTTAAATGA**ACAAAT
CAGGCAGAGATCGAGGCTAAAAAGA**ACTGTCCACTTGGGAGTCAGGAA**

Internal note: Yellow: Forward primer, Red: Reverse primer, Pink: Taqman probe binding site

Linear visualization

