

Supplementary Figure S5 -Relevant part of the nucleotide sequence of the plasmid pSB2T-maf_{S6803}-gfp. The DNA segment encompassing the *tac* promoter is written in **red cases** showing the so-called -35 (5'-**TTGACA**-3') and -10 (5'-**TATAAT**-3') promoter boxes, and the **A** transcription start site in upper cases. The **maf_{S6803}** and **gfp** part of the maf-fusion gene are colored in **blue** and **green**. **GTTATC** and **GATAAC** sequences are the scars corresponding to the cloning of the *EcoRV* DNA fragment harboring the **maf_{S6803}-gfp** fusion gene into the pSB2T plasmid opened at its unique *HpaI* site. The cleavage site for *HpaI* and *EcoRV* are respectively: **HpaI**, **GTT/AAC** and **EcoRV**, **GAT/ATC**.

gatccgggcttatcgactgcacggtgcaccaatgcttctggcgtcaggcagccatcggaagctgtggtatggctgtgcaggtcgtaaatactgcataatc
gtgtcgctcaaggcgactcccgttctggataatgttttttgcgcgcacatcataacggttctggcaaataattctgaaatgagctg**TTGACA**attaatcatc
ggctcg**TATAAT**gtgtgga**A**ttgtgagcggataacaatttcacacaggaaacagaattcccgggga**GTTATC**gttgtcccga**g**tgagggttcat
gaggcaatctctctactgtttttttgagaAGAGGAaaca**ATGCCTCCAAC**TTTTGTTCTTGCTTCTGCTTCCCCGCCGCAAACGTTTGCTGGAAATG
GCCGGCATTAGCCCCCTAGTGGCCGTGAGCCATTTTCGATGAATCTTCCTTAGCCGCCGACAACACAGTGGCCCTGGTGGAAAGCTCTGGCCAAGGCTAAAGCA
GGAACGGTGGCCAGTAAATTCGCTGATGCCCTCGTCTCGGCTGTGATTCCCTTTTATTGGTTAATGGTCAAACCTACGGTAAACCAGAGTCGCCCCGGGTG
GCGATCGCCCGTTGGCAAACCATGCGGGGTGAGGTGGGGGAAGTGTACACGGGCCATGCCTTGATTGACCGCACCCAAAACCGTTGCCTGTGCCAAACGGGG
TTAACCAAAGTTCATTTTGCTGATGTGGATGACGACACCATCCAAGCCTACGTGGGTAGTGGGAACCCCTCCAATGTGCTGGGGCGTTTGCCCTGGAAGGC
AAAGGGGAATGTTAATTAATAAACTGGATGGTTGTTCCAGCAACGTGATTGGCCTGAGCTTGCCATTCTGCGGTCATTGTTGCAACGGTTGGGTTACTCC
CTTAAAGATTTTTGGTCTAAAGGTGAAGAATTATTCACTGGTGTGTCCCAATTTTGTTGAATTAGATGGTGATGTTAATGGTCACAAATTTCTGTCTCC
GGTGAAGGTGAAGGTGATGCTACTTACGGTAAATTGACCTTAAAATTTATTTGTACTACTGGTAAATTGCCAGTTCCATGGCCAACCTTAGTCACTACTTTC
GGTTATGGTGTTCAATGTTTTGCGAGATACCCAGATCATATGAAACAACATGACTTTTTCAAGTCTGCCATGCCAGAAGGTATGTTCAAGAAAGAAGTAT
TTTTTCAAAGATGACGGTAACTACAAGACCAGAGCTGAAGTCAAGTTTGAAGGTGATACCTTAGTTAATAGAATCGAATTAAAAGGTATTGATTTTAAAGAA
GATGGTAACATTTTAGGTACAAATTGGAATACAACCTATACTCTCACAATGTTTACATCATGGCTGACAAACAAAAGAATGGTATCAAAGTTAACTTCAA
ATTAGACACAACATTGAAGATGGTTCTGTTCAATTAGCTGACCATTATCAACAAAATACTCCAATTGGTGATGGTCCAGTCTTGTTACCAGACAACCATTAC
TTATCCACTCAATCTGCCTTATCCAAAGATCCAAACGAAAAGAGAGACCACATGGTCTTGTTAGAAATTTGTTACTGCTGCTGGTATTACCCATGGTATGGAT
GAATTGTACAAACCCGGGGATGTAGGG**TAA**taatgctggccatgggctagttagtttgatagtttcataattgtccacggcagggtttaagccctgcttttt
tgttgccattggcaaactccaagacagccAAGCCGAATCTGCAG**GATAAC**

Amino-acids sequence of the Maf_{S6803}-GFP fusion protein encoded by the pSB2T-maf_{S6803}-gfp plasmid

MPPTFVLASASPARKRLLEMAGISPLVAVSHFDESSLAADNTVALVEALAKAKAGTVASKFADALVLGCDLLLLVNGQTYGKPESPAVAIARWQTMRGQVGE
LYTGHALIDRTQNRCLCQTGLTKVHFADVDDDTIQAYVGSGEPLQCAGAFALGKGGMLINKLDGCSSNVIGLSLPIILRSLLQRLGYSILKDFWSKGEELFTG
VVPILVELDGDVNGHKFSVSGEGEGDATYGLTLKFICTTGKLPVPWPTLVTTFGYGVQCFAFYDPHMKQHDFFKSAMPEGYVQERTIFFKDDGNYKTRA
EVKFEQDTLVNRIELKGIDFKEDGNILGHKLEYNNSHNVIYIMADKQKNGIKVNFKIRHNIEDGSVQLADHYQQNTPIGDPVLLPDNHYLSTQSALSKDPNEK
RDHMLVLEFVTAAGITHGMDELYKPGDVG*