

Flax stearoyl-acyl carrier protein desaturase 2 gene
>|AJ006958 | *Linum usitatissimum* sad2 gene.

ACAACCATTCAATTCAATATCTCACATTCAAGTTTTTCCAACCTCCATTTCTCATCTGCCTTACCCATA
AATCTCGACACCAAACACTCAGCCAGCTTCGTCCCAAACAACGCAGAAAAACCTTCAACAACAATGGCT
CTCAA**GCTCAACCCAGTCACCACCTCCCTTCGACCCGCTCCCTCAACA**ACTT**CTCCTCCAGATCTCCTC**

GCACCTTTCTCATGGCTGCTTCCACTTTCAATTCCACTTCCACCAAGTAAGTTCCCGTCACCATCTCCTC

TTCTCGGAATCTCCGCCGTTTCATTTAAGCGATTGATCGTAGAAAATCTGTTCGGTTGCTTAGCGTTCAT
TCAAATCTGCGCGGTTTCGTTTCTTTTTCTTTCTTCAGACTGCATCATCTGCATTATGTTATTGTTTCGTTT
CCGATTTGACTAACCTACATAATCAATTCCTTTGTGTTTCACGAGTCTGGATTTTGCCTGTAATTGATT
GTCAGTGTGGACAGGTTTCCATTTCTCCACCTCCGTCATCAAATGCATGTTATTACCTACCAATTTT
AGCGTCTTTCTCTGGAAATTTCTGTCTCTGTATCTACTATCCTATTAGCTTGTGGAGAGGTTCAATA
TTGGTTTGCATGAACCAAGTGGCTTACAATCCTTCAACGTTCTAAATGTTGGTTCGAGTAACAATAGGTT
CTCAAAGAGGTTTTTCTATGTTGTTGGCAAAATCTGTTTCTGTGAATCATGTTAAGGTCCTGGGAAG
AATGATTAATGAGCTATGACATGATTAAGGCGTAGTAGTTATTGAACTGCTGATAATTCATATAGGGT
AACTTTGTTGGTTGTTTGGTGACAGGGAGGCTGAGAAGCTAAAGAAGTCACATGGACCACCAAAGAGGT
GCATATGCAAGTGACCCATTCCATGCCCCACAGAAGCTGGAGATCTTTAAGTCCCTTGAAGGTTGGGCA
GAGGACGTTCTGTTGCCGCACCTGAAGCCGTTGAGAAATGCTGGCAGCCACAAGATTTCTGCCCGAAC
CCGAGTCGGATGGGTTTCGAGGAGCAAGTGAAGGAGCTCAGGGCAAGGGCTAAAGAACTCCCCGATGACTA
TTTTGTTGTGCTGGTTGGGGATATGATCACCGAAGAAGCTCTACCGACTTACCAGACAATGCTCAACACC
CTTGACGGGGTGAGGGACGAGACTGGAGCCAGCCTTACGCCGTGGGCAATCTGGACAAGGGCGTGGACCG
CTGAAGAGAATAGGCACGGTGACCTTCTCAACAAGTATCTTTACCTCTCTGGAAGGGTGGACATGAGGCA
AATGAAAAGACCATTCAAGTATCTCATCGGCTCTGGAATGGTATATACTCACATCCTATCTGCCCTTTA
TCCTTTTCCATTAATCTTTGATTGAACAAAATTCATAAACTGGTAGCTGAAACTTTAGATGATTTGTTA
CTGCCTAGCTTCTATGAGAAAACCACTGAAGTCAAAATAGGTTTGAACAATGGGTTTAAATGGAAAAAGTTT
CATATACCATCTTCCATCTATTTTATATGACATACCAACTTCTACTTTGGAGAAAATTCGCCGTGGATAA
TCATATTATTGAAGATATAGTACTTAGTAGATTGGTTAGATGAACTGTTAAACAATACATGTGATGTGCT
GTGCAATTAATTTGTGTAATGATTAGCTGGGTTTCGGGACGACAAATGTGAACTGGAACCTAGTAAACT
ATGAATTGAGGTTGTCTTCATCACTTTATTCTGTCTGGGCTGTTTGCCTGTTGCAAGATCTGCATG
TAGCAGTTTGTCTGGTATTTGCTACCAGTGGTATCTTTGTTTATTCCCTAGCATCTNTGAAAACATCG
GACCAAGTATCTGGTTAGGACAAATTTGGTTCATTGCGGCATTTTTTGTGTTGATCGCTGTATCGTCTGG
AAGAGCAGACAGTTTTGCAAAGTGGCATCAAGCTCAAGAAAGCAACGGCTAGAAGAAGTTCTACATCTGA
TGCGTTCTTTTGTGTTCTTTGTGTGCTTTTTGGACTTTGTTCTTTTTGCCTGTAGGATCCAAGATCCAAA
AACAGAAAACAACCCCTACCTCGGTTTTCATCTACACCCCATTTCCAAGAGAGGGCAACGTTTCATCTCCCAC
GGAAATACGGCCAGACTCGCCAAGGACCACGGGGACATGAAGCTGGCGCAGATCTGCGGGATCATCGCAG
CAGACGAGAAGCGGCACGAAACAGCATAACCAAGATCGTCGAGAAGCTCTTCGAGATCGACCCTGACGG
TACAGTGTGGCTCTGGCGGACATGATGAGGAAGAAGATATCGATGCCCGCCCACTTGATGTACGATGGA
GAAGACGACAACCTCTTCGACAATTACTCGTCGGTCGCTCAACGCATCGGGGTGTATACTGCCAAGGATT
ATGCTGATATCCTGGAGTTCTGGTGGGGAGGTGAAAAGTGGATGCTTTTACGGGACTTTCCGGGGAAGG
GAACAAAGCTCAGGAGTTTGTCTGTGGGCTTCCAGCGAGGATTCGAAAATTGGAGGAGAGGGCTGCGGGG
AGGGCAAAGCAAACGTCGAAATCTGTCCATTAGCTGGATCTTCAGCAGAGAATTTGGTACTCTAATGGA
GTTTGCCTGAGAGTTGAGTGTGGAATGATTGGAGTATGATGGCAT

Primers (red arrow) and probe (red line) are shown above, and target sequence is highlighted in light blue. Amplicon size is 82 bp.