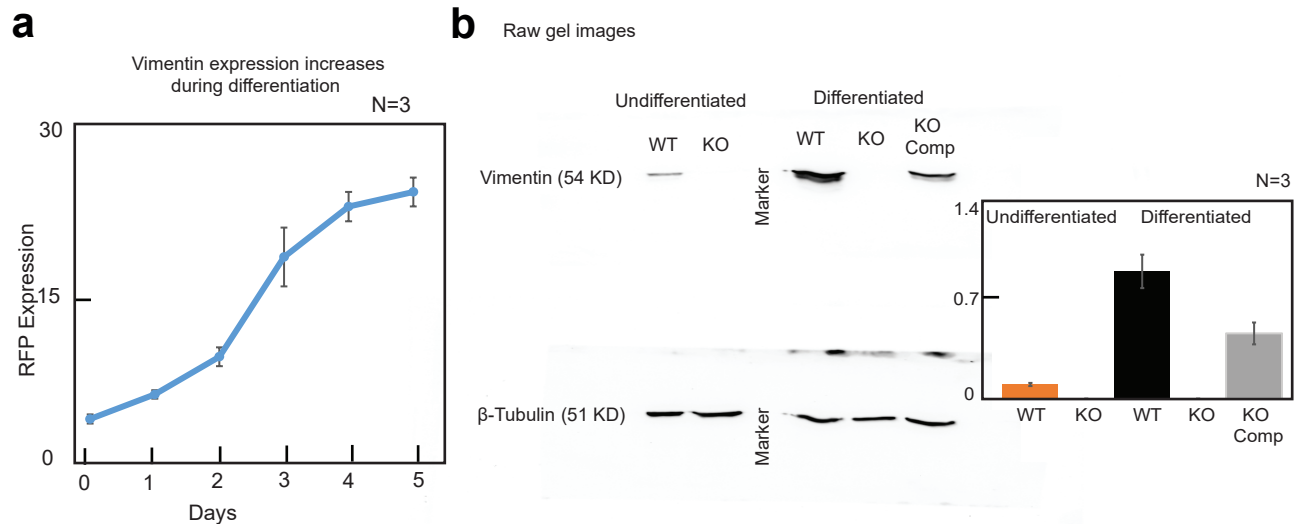


Supplementary material

Vimentin protects differentiating stem cells from stress

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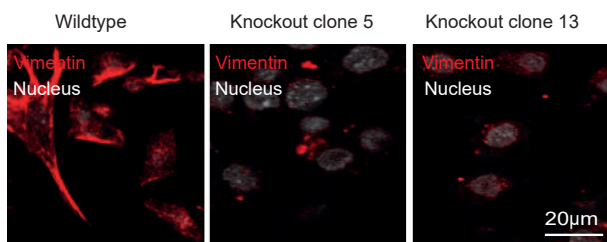
c Confirmation by genomic DNA sequencing

WT
 :AGTCCTCTGCCACTCTTGCTCCGGGACCCAGAGACCCAGCGCTCCTACGATTCACAGCCACCGGCCCTCATTCCCTTGTTCAGTTTTTCCA
 GCCGCAGCAAGCCAGCCACCTTCGAAGCCATGCTTACCAGGTCTGTGTCTCGTCTCCTACCGCAGGATGTTCCGGTGGCTCCGGCACATCGA
 GCCGGCCAGCTCCAACCGGAGCTATGTGACCAGTCCACACGCACCTACAGTCTGGGCAGCGCACTGCCCCAGCACTAGCCGCAGCCTCT
 ATTCTCATCCCCGGTGGCGCTATGTGACCCGGTCTCGGCA GTGCGCCTGCGGAGCAGCGTCCCGGGCGTGGCGGTGCTTCAAGACTCGG
 TGGACTTCTCGCTGGCCGACGCC

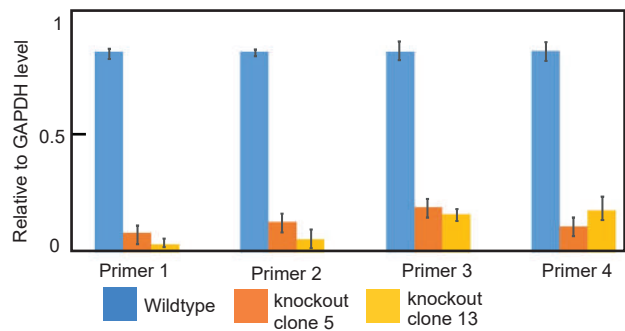
KO5
 :AGTCCTCTGCCACTCTTGCTCCGGGACCCAGAGACCCAGCGCTCCTACGATTCACAGCCACCGGCCCTCATTCCCTTGTTCAGTTTTTCCA
 GCCGCAGCAAGCCAGCCACCTTC-----264 nt deleted-----TCGCTGGCCGACGCC

KO13 AGTCCTCTGCCTC-----315 nt deleted-----GTGCGCCT
 GCGGAGCAGCGTCCCGGGCGTGGCGGTGCTTCAAGACTCGGTGGACTTCTCGCTGGCCGACGCC

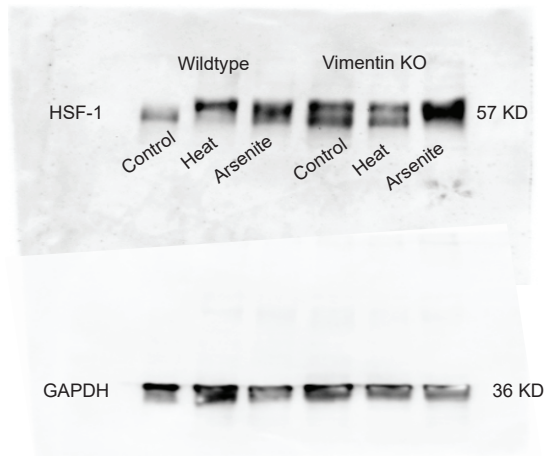
d Confirmation by immuno-fluorescence



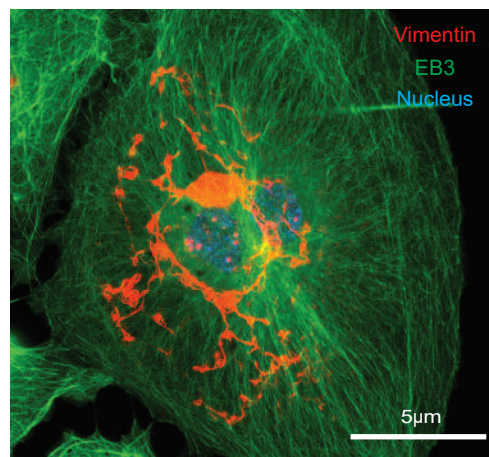
e Confirmation by RT-PCR



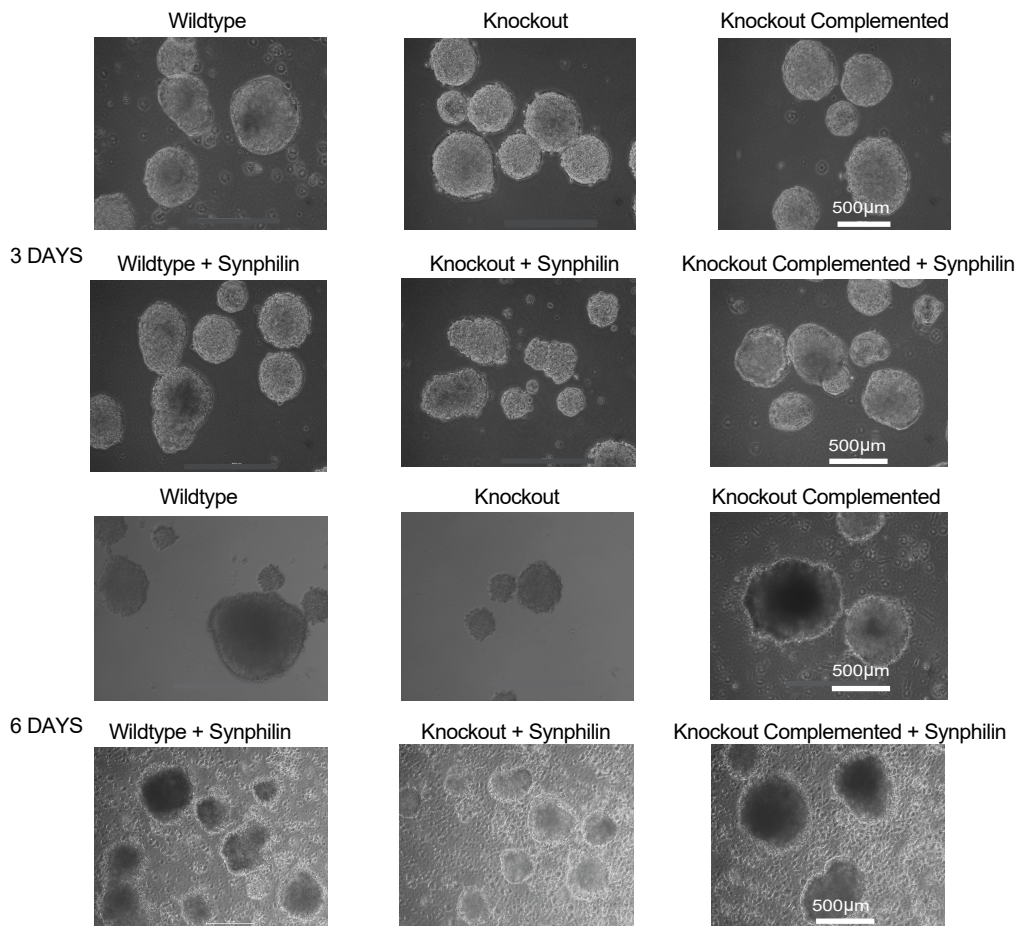
f



g



a Embryoid body growth at 37°C



b Embryoid body growth at 42°C

