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ATF5-inducible overexpressing human iPSCs

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Protocol status: Working

We use this protocol and it's working

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Abstract

ATF5-inducible overexpressing human iPSCs



- 1 Transduce control human iPSCs with lentiviral vectors encoding doxycycline-inducible constructs for ATF5 overexpression (VectorBuilder ID: VB241111-1111fuf) or with an empty vector control (VectorBuilder ID: VB201122-1083bzq), both containing a neomycin resistance cassette.
- 2 After transduction, perform clonal selection with G418 at 150 µg/mL for two weeks.
- 3 Expand stable clones following selection with G418.
- 4 Use expanded stable clones for experiments without further antibiotic selection.