






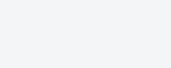








A

DMSO Infected/DMSO Uninfected

TFs	Motif	p-value
IRF8, IRF9, IRF4, STAT1::STAT2, IRF7, IRF3, IRF1, IRF2, IRF5		1.8x10 ⁻²⁰
RELA, NFKB2, NFKB1, REL		6.2x10 ⁻¹⁹
RELA		1.2x10 ⁻⁰⁷
EWSR1-FLI1		3.1x10 ⁻⁰⁷

















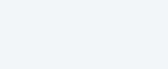

B

JQ-1 Uninfected/DMSO Uninfected

TFs	Motif	p-value
FOS, FOSL2, JUNB, FOSB::JUNB, JUN(var.2), FOSL1, FOSL2::JUNB, FOSL2::JUND, FOS::JUNB, JUND, BATF::JUN, FOS::JUN, FOSL2::JUN, JDP2, BACH2, FOS::JUND, FOSL1::JUN, NFE2, Bach1::Mafk, FOSL1::JUNB, MAF::NFE2, FOSL1::JUND, MAFK, JUN::JUNB, Nfe2l2, MAFF, MAFG		1.2x10 ⁻²⁸⁸
NFYB, NFYA		1.4x10 ⁻²²⁴
Gata4, Gata1, GATA2, GATA3, GATA6, GATA5, Mecom, GATA1::TAL1		8.6x10 ⁻¹⁰⁰
Gabpa, ELK4, ELF4, ELK1, ZBTB7A, EHF, ELF1, ELF3, ELK3, ETV6, ETV1, FEV, ETV4, ETV5, FLI1, ERF, ELF5, ETS1, ERG, ETV3, ETV2, SPI1, SPIC, SPDEF		3x10 ⁻⁸³
SP2, SP1, KLF5, SP4, KLF14		2.7x10 ⁻⁷⁵
TEAD3, TEAD2, TEAD1, TEAD4		2.7x10 ⁻⁶⁸
RUNX1, RUNX3		5.6x10 ⁻⁵⁷
NR1H2::RXRA, Rxra, RXRB, Sox2, RXRG, Nr2f6, Sox3		3.1x10 ⁻¹¹
Gabpa, ELF3, ETV6, ELF4, ELK1, ELK4, ELF1, ZBTB7A, EHF, ELK3, ERF, ETV3, FEV, FLI1		6.9x10 ⁻¹⁰
RELA, REL, NFKB1, NFKB2		5.7x10 ⁻⁰⁹
















C

JQ-1 Infected/DMSO Infected

TFs	Motif	p-value
FOSL2::JUNB, FOSB::JUNB, JUN(var.2), JUNB, FOSL2, FOSL2::JUND, FOS::JUNB, FOS, JUND, FOS::JUN, FOSL1, FOSL2::JUN, BATF::JUN, JDP2, FOS::JUND, FOSL1::JUN, MAF::NFE2, FOSL1::JUNB, NFE2, Bach1::Mafk, <u>Nfe2l2</u> , BACH2, FOSL1::JUND, JUN::JUNB, <u>MAFK</u> , <u>MAFE</u> , <u>MAFG</u> Gata4, Gata1, GATA2, GATA3, GATA6, GATA5, Mecom		0
SP1, SP2, KLF5, KLF16, KLF14, E2F4, E2F6, ZNF740, SP4, KLF13		8.5x10 ⁻²³²
TEAD3, TEAD2, TEAD1, TEAD4		3.8x10 ⁻²⁰³
Gabpa, ELK4, ELF4, ELK1, EHF, ELF3, ELF1, ELK3, ZBTB7A, ETV6, ETV1, FEV, ETV4, FLI1, ERF, ETV5, ELF5, ETS1, ERG, ETV3, ETV2, SPI1, SPDEF, SPIC RUNX1, RUNX3, RUNX2		3.8x10 ⁻¹⁵⁹
NFYA, NFYB, Dux		1.9x10 ⁻¹⁵⁵
NRF1		7x10 ⁻¹³⁷
ONECUT3		5.9x10 ⁻¹³²
SP1, SP4, SP2, KLF5, KLF14, KLF16, KLF13, Klf12, Klf1, SP3, SP8, ZNF740		3.3x10 ⁻¹²²
ZBTB33, ZBED1		5.9x10 ⁻⁵⁵
YY1, E2F2		3.2x10 ⁻⁴⁵
ETV2, FLI1, ELK4, ETS1, ERG, Gabpa, ELK1, E2F7, FEV, ELK3, ERF, ELF1, ETV1, ETV4, ELF4		6.8x10 ⁻⁴⁵
NR1H2::RXRA, Rxra, RXRB, NR4A1, RXRG, Rarb, Rarg, Nr2f6, Nr2f6(var.2), RARA, NR2F2, Rarb(var.2), ESRRB, Nr2e1, RARA(var.2), Esrrg, Esrra, Rarg(var.2), NR2F1 HOXC12, HOXD12, HOXC10, HOXC11, HOXD11		5.9x10 ⁻³⁸
KLF13, SP4, KLF14, KLF16, Klf12, KLF5, SP3, SP8, Klf1, KLF9, SP1, SP2, Ahr::Arnt		4x10 ⁻³³
BHLHE41, USF2, SREBF2(var.2), Arntl, TFE3, Srebf1(var.2), MLX, USF1, BHLHE40, Arnt, MLXIPL, HES5, HEY2, TFEB, MITF, Id2, HES7, HEY1, Creb3l2, Mxiip, MAX, MNT, TFEC, MYCN, Npas2, MXI1, MYC, CLOCK, MAX::MYC, ARNT::HIF1A, CREB3, CREB3L1, PAX9, NR2F1, XBP1, PAX5, Atf1		4.2x10 ⁻²²
ELF1, SPDEF, ELF4, ELF3, EHF		5.6x10 ⁻²¹
ZNF143, ZNF410		2.3x10 ⁻¹⁸
		4.6x10 ⁻¹⁶
		5.2x10 ⁻¹²
		3.6x10 ⁻¹¹

D

JQ-1 Infected/JQ-1 Uninfected

TFs	Motif	p-value
BATF::JUN, FOS, JDP2, FOSL2::JUNB, NFE2, FOSB::JUNB, JUND, FOSL2::JUND, FOS::JUNB, JUN(var.2), JUNB, FOS::JUN, FOSL2, FOSL1, FOSL2::JUN, FOS::JUND, FOSL1::JUN, MAF::NFE2, FOSL1::JUNB, Nfe2l2, Bach1::Mafk, BACH2, FOSL1::JUND, JUN::JUNB, MAFK, MAFF SP1, SP2		1.2×10^{-135}
NRF1		3.8×10^{-93}
ZBED1, ZBTB33		3.3×10^{-55}
SP4, SP1, KLF5, SP2, KLF16, Klf12, KLF14, KLF13, SP3, SP8, Klf1		9.3×10^{-32}
ELK4, Gabpa, ELK1, FLI1, ELF1, ELK3, ERF, ELF4, FEV, ETS1, ERG, ETV1, EHF, ELF3, ZBTB7A, ETV4, ETV2, ETV3, ETV5, ELF5, SPDEF, ETV6		2.2×10^{-27}
FOSB::JUNB, FOSL2::JUNB, FOSL2::JUND, FOS::JUNB, JDP2, JUND, FOS::JUN, FOS, JUN(var.2), FOSL1, JUNB, FOSL2::JUN, FOSL2, NFE2, FOS::JUND, FOSL1::JUN, FOSL1::JUNB, BATF::JUN, Bach1::Mafk, FOSL1::JUND, JUN::JUNB YY1, E2F2		1.7×10^{-33}
BATF3, JDP2(var.2), ATF7, JUND(var.2), CREB1, JUN, Creb5, FOSL2::JUNB(var.2), FOSB::JUN, FOSL2::JUND(var.2), FOSL2::JUN(var.2), FOSB::JUNB(var.2), JUN::JUNB(var.2), FOSL1::JUN(var.2), FOS::JUN(var.2), JUNB(var.2), Crem Rarb, Rarg, RARA, Nr2f6(var.2), NR4A1		2.6×10^{-24}
Gata1, GATA2, Gata4, GATA6		7.8×10^{-19}
NRF1		1.1×10^{-14}
BHLHE41, USF2, SREBF2(var.2), Srebf1(var.2), Arntl, MLX, USF1, BHLHE40, Arnt, TFE3, MLXIPL, HES5, MITF, HES7, Creb3l2, HEY2, TFEB, Id2, HEY1, Mlxip, MNT, MAX, Npas2, TFEC, MXI1, CLOCK, MYCN, MYC, CREB3, MAX::MYC, XBP1, ARNT::HIF1A, CREB3L1, PAX9, NR2F1, HIF1A, Atf1, PAX5 Dux, PBX1		4×10^{-14}
ELF1, ELF4, ELF3, SPDEF, EHF		8.4×10^{-12}
E2F7		9×10^{-12}
		1.1×10^{-11}
		2.2×10^{-9}
		1.1×10^{-10}
		1.4×10^{-8}