

Glucocorticoid receptor signaling in leukocytes after early life adversity

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Supplementary Material

Supplementary Table 1

Supplementary Table 2

1 Supplementary Material

Supplementary Table 1. 1F and 1H GR PCR primers and conditions and sequencing primers for pyrosequencing.

Promoter	1st round	Sequence	2nd round	Sequence	Sequencing primers
1F	F _B T _m =54°C	Fw: 5'-GGTYGAGAYGTTGYGGTATYGTTTTYGTG-3' Rev: 5'-CCTTAACRACAAACRCCCAATAC-3'	F _B T _m =51°C	Fw: Biotin 5'-GTTGYGGTATYGTTTTYGTGTAATTT-3' Rev: 5'-ACRAATAACAACRAACRAACCACAA-3'	aacRaacRaaccaca
	F _C T _m =54°C	Fw: 5'-TTGTGGTTYGTTYGTTGTTATTYGTAGG-3' Rev: 5'-CACCR AATTTCTCCAATTTCTTTTCTC-3'	F _C T _m =52°C	Fw: 5'-TTGTGGTTYGTTYGTTGTTATTYGTAGG-3' Rev: Biotin 5'-CAATTTCTTTTCTCRCTACCTCCTCC-3'	GTtgtTaTTYGTaggggTaT
1H	H _A T _m =54°C	Fw: 5'-TTYGGTTGYGGYGGGAATTGYGGAYGGTG-3' Rev: 5'-AAACTAATAAAAAATTATAAACTCC-3'	H _A T _m =60°C	Fw: 5'-GGTGGYGGY GAGYGGTTTTTTGTTAGAG-3' Rev: Biotin 5'-ACTCCRCRACRACCCCR AATTATCTC-3'	TtTgTTagaggaagaag
	H _B T _m =58°C	Fw: 5'-GGGYGYGTTYGTTTTTYGAGGTGYGTTG-3' Rev: 5'-CTCCCCCTCRACCCRACCAAA-3'	H _B T _m =52°C	Fw: 5'-GAGATAATTYGGGGTYGTYG GGGAG-3' Rev: Biotin 5'-ACCCRACCAAAAAACRCCTAC-3'	tgggggTtgTaag
	H _C T _m =51°C	Fw: 5'-TTYGTAGGYGTTTTTGGTYGGGYGAG-3' Rev: 5'-AATTC AAACRRACTTAACRTTCACCACRAA-3'	H _C T _m =54°C	Fw: 5'-TTYGTAGGYGTTTTTGGTYGGGYGAG-3' Rev: Biotin 5'-CCAAAATCCRCRAAAAATAAAAACTC-3'	gTYGagggggaggaa
	H _D T _m =51°C	Fw: 5'-GGTYGTTYGATATTYGTTTTYGTGGTG-3' Rev: 5'-CCRCCTTATACACCTCAC-3'	H _D T _m =56°C	Fw: Biotin 5'-GGTYGTTYGATATTYGTTTTYGTGGTG-3' Rev: 5'-CCRCACRCCCTCTCAAACCA-3'	Rcccttctcaacca

Supplementary Table 2. Sequences of forward and reverse primers and conditions used in real time qPCR analyses. All primers were purchased at Eurogentec, Liege, Belgium.

Gene	Primers	Sequences	PCR conditions			
			MgCl ₂	Primer concentration	Annealing temperature	Size product
GAPDH	GAPDH_fwd GAPDH_rev	FWD: 5'-GAAGGTGAAGGTCGGAGTC-3' REV: 5'-GAAGATGGTGATGGGATTTTC-3'	2 mM	1.0 uM	60 °C	226 bp
β Actin	Bactin_fwd Bactin_rev	FWD: 5'-GGCCACGGCTGCTTC-3' REV: 5'-GTTGGCGTACAGGTCTTTGC-3'	2 mM	1.0 uM	60 °C	208 bp
PPIA	PPIA_fwd PPIA_rev	FWD: 5'-TCCTGGCATCTTGCCATG-3' REV: 5'-CCATCCAACCACTCAGTCTTG-3'	2 mM	1.0 uM	60 °C	90 bp
FKBP5	FKBP5_fwd FKBP5_rev	FWD: 5'-AAAAGGCCAAGGAGCACAAC-3' REV: 5'-TTGAGGAGGGGCCGAGTTC-3'	4 mM	0.50 uM	67 °C	236 bp
GILZ	GILZ_fwd GILZ_rev	FWD: 5'-GCACAATTTCTCCATCTCCTTCTT-3' REV: 5'-TCAGATGATTCTTCACCAGATCCA-3'	2 mM	0.50 uM	60 °C	146 bp
Total GR	Exon 3/4_fwd Exon 3/4_rev	FWD: 5'-CTCAACAGCAACAACAGGACCAC-3' REV: 5'-GATGCAATCATTCTTCCAGCA-3'	2 mM	0.50 uM	56 °C	166 bp
GR H1	Exon 1H_fwd Exon 2_rev	5'-CTGACAGCCCGCAACTTGG-3' 5'-CAGTGGATGCTGAACTCTTGG-3'	3 mM	1.0 uM	65 °C	531 bp
GR F1	Exon 1F_fwd Exon 2_rev	5'-GTAGCGAGAAAAGAACTGG-3' 5'-CAGTGGATGCTGAACTCTTGG-3'	1.75 mM	0.50 uM	60 °C	511 bp