

**Title: Exposure to diethylstilbestrol during pregnancy modulates microRNAs expression profile in mothers and fetuses reflecting oncogenic and immunological changes**

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Table 1: Real-Time PCR to measure expression level of miRs

miRBase ID	Target Sequences	QIAGEN Cat No
Mmu-miR-18b_st	UAAGGUGCAUCUAGUGCUGUUAG	MS00011326
Mmu-miR-23a_st	AUCACAUUGCCAGGGAUUUCC	MS00007266
Mmu-miR-30_st	UGUAAACAUCCUCGACUGGAAG	MS00011704
Mmu-miR-31_st	AGGCAAGAUGCUGGCAUAGCUG	MS00001407
Mmu-miR-146a_st	UGAGAACUGAAUCCAUGGGUU	MS00001638
Mmu-miR-155_st	CUCCUACCUGUUAGCAUUAAC	MS00024255
Mmu-miR-217_st	CAUCAGUUCCUAAUGCAUUGCCU	MS00024605
Mmu-miR-320_st	GCCUUCUCUCCCCGGUUCUCC	MS00025550

Table 2: Showing miRs and complementary regions and binding affinity with 3' UTR regions of Fas and FasL gene

<p><b>miR-18b and FasL 3'UTR Binding</b></p> <p>3' gauugUCGUGA - -UCUAC -GUGGAAu 5' mmu-miR-18b      :                   310:5' uuuuaACCAUUGAAGAAGACACCUUu 3' FasL</p> <p><b>miR-23a and Fas 3'UTR Binding</b></p> <p>3' ccUUUAGGGACCG-UUACACUa 5' mmu-miR-23a       : :   :             244:5' ugAAAUUUGUAUUAUAAAUGUGAA 3' Fas</p>
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Table 3: Showing some of important upregulated and downregulated miRs in fetal thymocytes post DES exposure, when compared to VEH -treated fetal thymuses

<b>miRs</b>	<b>Fold Increase</b>
mmu-miR-540	1.5
mmu-miR-466f	2.4
mmu-miR-101	1.6
mmu-miR-466g	2.8
mmu-miR-126	1.6
mmu-miR-1195	2.0
mmu-miR-1198	1.9
mmu-miR-186	1.6
mmu-miR-331	1.5
mmu-miR-433	2.1
mmu-miR-200c	1.6
mmu-miR-19a	1.9
mmu-miR-709	1.5
mmu-miR-133b	1.8
mmu-miR-206	1.9
mmu-miR-1224	1.7
mmu-miR-320	2.0
mmu-miR-377	2.1
mmu-miR-700	2.8
mmu-miR-879	1.9
mmu-miR-342	1.6
mmu-miR-676	2.1
mmu-miR-1187	1.8

<b>miRs</b>	<b>Fold Decrease</b>
mmu-miR-let-7e	-1.8
mmu-miR-196a-1// mmu-miR-196a-2	-1.6
mmu-miR-26b	-2.3
mmu-miR-330	-2.5
mmu-miR-192	-1.9
mmu-miR-148b	-1.9
mmu-miR-30a	-2.1
mmu-miR-298	-1.8
mmu-miR-669-1//669-a-2//669a-3	-1.5
mmu-miR-717	-2.0
mmu-miR-18a	-2.1
mmu-miR-200a	-1.5
mmu-miR-692-1	-1.8
mmu-miR-23a	-2.2
mmu-miR-23b	-1.5
mmu-miR-691	-1.9
mmu-miR-146a	-1.7
mmu-miR-146b	-1.7
mmu-miR-449a	-2.5
mmu-miR-31	-2.4
mmu-miR-18a	-1.5
mmu-miR-18b	-2.5
mmu-miR-301a	-2.0
mmu-miR-98	-2.1