

Supplementary Table 2. Venn diagram list in preterm labor

| Group | Down-regulated miRNA | | | Up-regulated miRNA | | |
|------------------------------------|----------------------|---------------------------------------|---|--------------------|-------------|--|
| | No. | LIST | Gene Symbol | No. | LIST | Gene Symbol |
| Common | 1 | miR-4526 | PTX3 | 1 | miR-557 | CHODL |
| | 2 | miR-4477a | NDST2 | 2 | miR-200a-3p | MYBL1 |
| | 3 | miR-548i | SPTBN1 | 3 | miR-373-3p | RDX |
| Preterm labor without inflammation | 4 | | | 4 | miR-708-5p | MCM9 |
| | 1 | miR-4259 | CYTH2 | 1 | miR-1 | VAMP4, MXD1, FNDC3A |
| | 2 | miR-188-3p | INPP5A | 2 | miR-483-3p | ACER3 |
| | 3 | miR-548l | DCUN1D4 | 3 | miR-483-3p | ACER3, RNASE11, ZBTB38 |
| | 4 | miR-3160-3p | KATNAL1, PDE8B | 4 | miR-4698 | NRIP1, GCA |
| | 5 | miR-130b-3p | UBE3B, SEL1L3 | 5 | miR-4736 | NRIP1 |
| | 6 | miR-4295 | UBE3B, SEL1L3 | 6 | miR-769-3p | CCNG2 |
| | 7 | miR-4297 | GABBR1 /// UBD | 7 | miR-548ae | MICAL3 |
| | 8 | miR-622 | PPARD | 8 | miR-548ac | TNFAIP2 |
| | 9 | miR-4469 | CLDN12 /// GTPBP10 | 9 | miR-223-3p | PKNOX1 |
| | 10 | miR-4494 | ARAP3 | 10 | miR-204-5p | LOC221710, C2CD2 |
| | 11 | miR-202-3p | CREM | 11 | miR-4796-3p | UVRAG, RYBP |
| | 12 | miR-548ak | LEF1 | 12 | miR-3163 | CACNA1G |
| | 13 | miR-2355-3p | ZSWIM4 | 13 | miR-4786-5p | ABCG1 |
| | 14 | miR-3157-5p | TTC23 | 14 | miR-760 | HIST1H2BI |
| | 15 | miR-3646 | FILIP1L | 15 | miR-612 | RYBP |
| 16 | miR-3124-3p | ATF2 | 16 | miR-4736 | ZNF608 | |
| Preterm labor with inflammation | 17 | | | 17 | miR-3187-3p | ASAP3 |
| | 1 | miR-4763-5p | TXNRD1 | 1 | miR-659-3p | INSIG1, NLK, RAB27A, ZNF507, MAP7 |
| | 2 | miR-23c | TXNRD1, NCOA1, WBP2 | 2 | miR-466 | SCD5, ANKRD11, PCDH18, NR3C1 |
| | 3 | miR-3613-3p | ACTN4, ELAVL1, NFASC | 3 | miR-607 | SYNPO2, HPSE, BAT2L2, CTBS, SCCPDH, HPSE, MAMDC2 |
| | 4 | miR-199b-5p | MAP4, FLRT3 | 4 | miR-548c-5p | TCF12, NFAT5, TMEM133, EPHA3, TCF12, GPR155 |
| | 5 | miR-186-5p | MAP4, NOG, VEGFA | 5 | miR-193a-3p | ANKRD13A, ALS2CR8 |
| | 6 | miR-4769-5p | ELAVL1, FAM126B | 6 | miR-4651 | ECM1 |
| | 7 | miR-4430 | WFDC2, NGFR, DDAH1 | 7 | miR-4483 | NKTR |
| | 8 | miR-4492 | WFDC2, WARS | 8 | miR-4695-3p | FAM47E /// STBD1, SDC2 |
| | 9 | miR-4510 | EIF4EBP1, ARPC1A /// ARPC1B /// LOC653888 | 9 | miR-4708-3p | ZAK, FRMD4B, OPRK1 |
| | 10 | miR-4713-5p | SPOCK1 | 10 | miR-212-3p | FAM91A1 /// FAM91A2 |
| | 11 | miR-7-5p | ITPKC | 11 | miR-3187-5p | TCF12, CCDC76, CCDC76 |
| | 12 | miR-1299 | C1QTNF1, PTPLA, MAP1B | 12 | miR-641 | FGF13, ATP6AP2, OPRK1 |
| | 13 | miR-424-5p | C1orf21, CCNE1, WIPI2, VEGFA | 13 | miR-3138 | VLDLR, GLG1 |
| | 14 | miR-4640-5p | CD248, PAQR7, PHKG2 | 14 | miR-4438 | RNGTT, SYTL2, PDZD2 |
| | 15 | miR-374a-5p, miR-374b-5p | NCOA1, WNT5A, VEGFA | 15 | miR-4733-3p | PDZD2 |
| | 16 | miR-374c-5p | VEGFA, CLCF1 | 16 | miR-3925-5p | SYNJ1, NR1D2, ZNF468, FBXO3 |
| | 17 | miR-520b, miR-520c-3p | GALNT3 | 17 | miR-4287 | STK17A |
| | 18 | miR-520h | SORL1, VCL | 18 | miR-4519 | HPSE |
| | 19 | miR-101-3p | TNKS2, FLRT3 | 19 | miR-4419b | RAB27A, FAM115A, VTA1 |
| | 20 | miR-224-5p | NOTUM | 20 | miR-371a-5p | RNF141, CELF2, EXOC4 |
| | 21 | miR-326 | RIT1, PARVA | 21 | miR-873-5p | AFAP1L2, CELF2, TUSC3 |
| | 22 | miR-4680-5p | VAPA, CD163, NOG | 22 | miR-3176 | LPHN3, PPP1R12A |
| | 23 | miR-515-5p | CLCF1, CA4, CP110 | 23 | miR-3161 | PHF20L1, RICTOR |
| | 24 | miR-217 | CLCF1 | 24 | miR-1321 | ADAM11 |
| | 25 | miR-519a-3p, miR-519b-3p, miR-519c-3p | ITGB4 | 25 | miR-514b-5p | CELF2, HP1BP3, PPP1R3C |
| | 26 | miR-3158-5p | NAGS, GCNT1 | 26 | miR-3177-5 | PCDH18 |
| | 27 | miR-204-5p | ALPL | 27 | miR-1276 | ALS2CR8, PPP2R5C |
| | 28 | miR-3921 | IL27RA, CERCAM | 28 | miR-3920 | ALS2CR8 |
| | 29 | miR-4667-3p | FAM110B | 29 | miR-4461 | DMD, FBXO3 |
| | 30 | miR-4667-5p | FBLN1 | 30 | miR-129-5p | GALNT1, TNPO1, TRIO, NRN1 |
| | 31 | miR-4487 | SLC6A8, FLT1 | 31 | miR-4690-3p | MAP7 |
| | 32 | miR-4324 | IGDCC3 | 32 | miR-940 | PVRL4 |
| | 33 | miR-1184 | DSEL | 33 | miR-4741 | NCOR1 |
| | 34 | miR-301b | DSEL | 34 | miR-3675-3p | ADM |
| | 35 | miR-548a-3p | TCF20, IREB2 | 35 | miR-3185 | POU2F3 |
| | 36 | miR-218-5p | EGLN3, GALNT3 | 36 | miR-3128 | MEX3A, NF1 |
| | 37 | miR-1254 | PAQR7 | 37 | miR-371b-5p | EXOC4 |
| 38 | miR-3194-3p | NOG, GCNT1 | 38 | miR-371b-5p | GLG1 | |

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Supplementary Table 2. Continued

| Group | Down-regulated miRNA | | | Up-regulated miRNA | | |
|-------|----------------------|----------------------|---------------------|--------------------|----------|-------------|
| | No. | LIST | Gene Symbol | No. | LIST | Gene Symbol |
| | 39 | miR-96-5p | GCNT1, HTRA4, DDAH1 | 39 | miR-3128 | C15orf29 |
| | 40 | miR-576-5p | SLC39A14 | | | |
| | 41 | miR-4735-5p | SLC39A14 | | | |
| | 42 | miR-2116-5p | FLRT3 | | | |
| | 43 | miR-542-3p | FLRT3 | | | |
| | 44 | let-7f-5p, let-7g-5p | MSR1 | | | |
| | 45 | miR-340-5p | NOG, ACPL2 | | | |
| | 46 | miR-29c-3p | VEGFA, ACPL2, IREB2 | | | |
| | 47 | miR-590-5p | RMNDS5, VCL | | | |
| | 48 | miR-885-3p | OTUD5 | | | |
| | 49 | miR-1269b | MXRA7 | | | |
| | 50 | miR-4474-3p | MXRA7 | | | |
| | 51 | miR-323a-3p | FLT1 | | | |
| | 52 | miR-137 | SLC4A7 | | | |
| | 53 | miR-5047 | PHACTR3 | | | |
| | 54 | miR-518f-3p | ZNF282 | | | |
| | 55 | miR-21-5p | VCL | | | |
| | 56 | miR-4685-3p | FAM134B | | | |
| | 57 | miR-4645-5p | LMAN2L | | | |
| | 58 | miR-424-5p | OSCP1, SLC11A2 | | | |
| | 59 | miR-26b-5p | MRAS | | | |

miRNA, microRNA.