

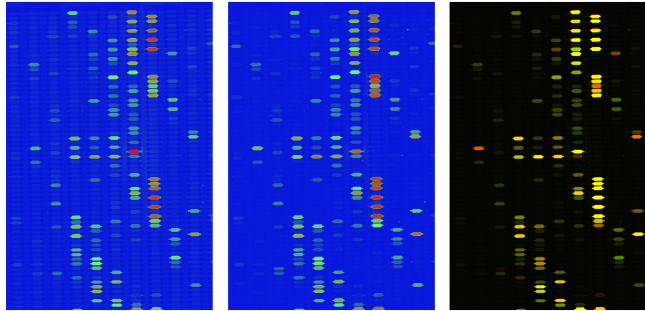
## Supplemental Figure 1

Lieber-deCarli diet

Cy3: Pair-fed

Cy5: Ethanol-fed

Cy3/Cy5 ratio

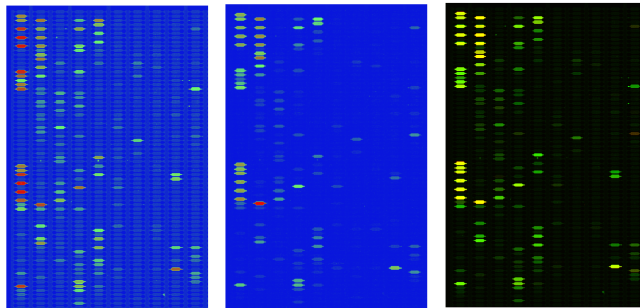


MCD diet

Cy3: MCD

Cy5: MCS

Cy3/Cy5 ratio



Layout#  
notes

	C1	C2	C3	C4	C5	C6
R1						
R2	PUC2PM					
R3	PUC2MM	mmu-let-7a	mmu-miR-13	mmu-miR-19	mmu-miR-26	mmu-miR-32
R4	BKG0	mmu-let-7a	mmu-miR-13	mmu-miR-19	mmu-miR-26	mmu-miR-32
R5	PUC2PM-20B	mmu-let-7b	mmu-miR-13	mmu-miR-19	mmu-miR-26	mmu-miR-32
R6	PUC2MM-20B	mmu-let-7b	mmu-miR-13	mmu-miR-19	mmu-miR-27	mmu-miR-32
R7	a2-PUC2PM-	mmu-let-7c	mmu-miR-13	mmu-miR-19	mmu-miR-27	mmu-miR-32
R8	a2-PUC2MM-	mmu-let-7c	mmu-miR-13	mmu-miR-19	mmu-miR-27	mmu-miR-32
R9	a3-PUC2PM-	mmu-let-7d	mmu-miR-13	mmu-miR-19	mmu-miR-27	mmu-miR-32
R10	a3-PUC2MM-	mmu-let-7d	mmu-miR-13	mmu-miR-19	mmu-miR-28	mmu-miR-32
R11		mmu-let-7e	mmu-miR-13	mmu-miR-19	mmu-miR-28	mmu-miR-33
R12		mmu-let-7f	mmu-miR-13	mmu-miR-19	mmu-miR-29	mmu-miR-33
R13		mmu-let-7f	mmu-miR-13	mmu-miR-19	mmu-miR-29	mmu-miR-33
R14		mmu-let-7g	mmu-miR-14	mmu-miR-19	mmu-miR-29	mmu-miR-33
R15	mmu-5S-b1	mmu-let-7g	mmu-miR-14	mmu-miR-19	mmu-miR-29	mmu-miR-33
R16	mmu-5S-b2	mmu-let-7i	mmu-miR-14	mmu-miR-19	mmu-miR-29	mmu-miR-33
R17	mmu-5S-b3	mmu-let-7i	mmu-miR-14	mmu-miR-19	mmu-miR-29	mmu-miR-33
R18	mmu-5S-b4	mmu-miR-1	mmu-miR-14	mmu-miR-19	mmu-miR-29	mmu-miR-33
R19	mmu-5S-b5	mmu-miR-10	mmu-miR-14	mmu-miR-19	mmu-miR-29	mmu-miR-33
R20		mmu-miR-10	mmu-miR-14	mmu-miR-19	mmu-miR-29	mmu-miR-33
R21		mmu-miR-10	mmu-miR-14	mmu-miR-20	mmu-miR-29	mmu-miR-33
R22		mmu-miR-10	mmu-miR-14	mmu-miR-20	mmu-miR-29	mmu-miR-33
R23		mmu-miR-10	mmu-miR-14	mmu-miR-20	mmu-miR-29	mmu-miR-33
R24		mmu-miR-10	mmu-miR-14	mmu-miR-20	mmu-miR-29	mmu-miR-33
R25		mmu-miR-10	mmu-miR-14	mmu-miR-20	mmu-miR-29	mmu-miR-34
R26		mmu-miR-10	mmu-miR-14	mmu-miR-20	mmu-miR-29	mmu-miR-34
R27		mmu-miR-10	mmu-miR-14	mmu-miR-20	mmu-miR-29	mmu-miR-34
R28		mmu-miR-10	mmu-miR-14	mmu-miR-20	mmu-miR-29	mmu-miR-34
R29		mmu-miR-10	mmu-miR-14	mmu-miR-20	mmu-miR-29	mmu-miR-34
R30		mmu-miR-10	mmu-miR-14	mmu-miR-20	mmu-miR-29	mmu-miR-34
R31		mmu-miR-10	mmu-miR-14	mmu-miR-20	mmu-miR-29	mmu-miR-34
R32		mmu-miR-10	mmu-miR-15	mmu-miR-20	mmu-miR-29	mmu-miR-34
R33		mmu-miR-11	mmu-miR-15	mmu-miR-20	mmu-miR-29	mmu-miR-34
R34		mmu-miR-11	mmu-miR-15	mmu-miR-20	mmu-miR-29	mmu-miR-34
R35		mmu-miR-11	mmu-miR-15	mmu-miR-20	mmu-miR-29	mmu-miR-34
R36	BKG0	mmu-miR-11	mmu-miR-15	mmu-miR-20	mmu-miR-29	mmu-miR-34
R37	PUC2PM	mmu-miR-11	mmu-miR-15	mmu-miR-20	mmu-miR-29	mmu-miR-34
R38	PUC2MM	mmu-miR-11	mmu-miR-15	mmu-miR-20	mmu-miR-29	mmu-miR-34
R39	PUC2PM-20B	mmu-miR-11	mmu-miR-15	mmu-miR-20	mmu-miR-29	mmu-miR-34

R40	PUC2MM-20B	mmu-miR-11 mmu-miR-15 mmu-miR-20 mmu-miR-29 mmu-miR-35
R41	a2-PUC2PM-	mmu-miR-11 mmu-miR-15 mmu-miR-20 mmu-miR-30 mmu-miR-35
R42	a2-PUC2MM-	mmu-miR-11 mmu-miR-15 mmu-miR-21 mmu-miR-30 mmu-miR-36
R43	a3-PUC2PM-	mmu-miR-11 mmu-miR-15 mmu-miR-21 mmu-miR-30 mmu-miR-36
R44	a3-PUC2MM-	mmu-miR-11 mmu-miR-15 mmu-miR-21 mmu-miR-30 mmu-miR-36
R45	a-PUC2PM	mmu-miR-11 mmu-miR-16 mmu-miR-21 mmu-miR-30 mmu-miR-36
R46	a-PUC2MM2d	mmu-miR-12 mmu-miR-16 mmu-miR-21 mmu-miR-30 mmu-miR-36
R47	Ctr01-3P	mmu-miR-12 mmu-miR-17 mmu-miR-21 mmu-miR-30 mmu-miR-36
R48	Ctr01-3M05	mmu-miR-12 mmu-miR-17 mmu-miR-21 mmu-miR-30 mmu-miR-36
R49	Ctr01-3M10	mmu-miR-12 mmu-miR-18 mmu-miR-21 mmu-miR-30 mmu-miR-36
R50	Ctr02-3P	mmu-miR-12 mmu-miR-18 mmu-miR-21 mmu-miR-30 mmu-miR-37
R51	Ctr02-3M05	mmu-miR-12 mmu-miR-18 mmu-miR-21 mmu-miR-30 mmu-miR-37
R52	Ctr02-3M10	mmu-miR-12 mmu-miR-18 mmu-miR-21 mmu-miR-30 mmu-miR-37
R53	Ctr03-3P	mmu-miR-12 mmu-miR-18 mmu-miR-21 mmu-miR-30 mmu-miR-37
R54	Ctr03-3M05	mmu-miR-12 mmu-miR-18 mmu-miR-21 mmu-miR-30 mmu-miR-37
R55	Ctr03-3M10	mmu-miR-12 mmu-miR-18 mmu-miR-21 mmu-miR-30 mmu-miR-37
R56	Ctr04-3P	mmu-miR-12 mmu-miR-18 mmu-miR-21 mmu-miR-30 mmu-miR-37
R57	Ctr04-3M05	mmu-miR-12 mmu-miR-18 mmu-miR-22 mmu-miR-30 mmu-miR-37
R58	Ctr04-3M10	mmu-miR-12 mmu-miR-18 mmu-miR-22 mmu-miR-30 mmu-miR-37
R59	Ctr05-3P	mmu-miR-12 mmu-miR-18 mmu-miR-22 mmu-miR-30 mmu-miR-37
R60	Ctr05-3M05	mmu-miR-12 mmu-miR-18 mmu-miR-22 mmu-miR-30 mmu-miR-37
R61	Ctr05-3M10	mmu-miR-12 mmu-miR-18 mmu-miR-22 mmu-miR-30 mmu-miR-37
R62	Ctr06-3P	mmu-miR-13 mmu-miR-18 mmu-miR-22 mmu-miR-31 mmu-miR-37
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R64	Ctr06-3M10	mmu-miR-13 mmu-miR-18 mmu-miR-23 mmu-miR-32 mmu-miR-38
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R69	Ctr08-3M05	mmu-miR-13 mmu-miR-19 mmu-miR-25 mmu-miR-32 mmu-miR-38
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R71	Ctr09-3P	
R72	Ctr09-3M05	
R73	Ctr09-3M10	
R74	Ctr10-3P	
R75	Ctr10-3M05	
R76	Ctr10-3M10	
R77	Ctr11-3P	
R78	Ctr11-3M05	
R79	Ctr11-3M10	mmu-let-7a mmu-miR-13 mmu-miR-19 mmu-miR-26 mmu-miR-32
R80	PUC2PM-20B	mmu-let-7a mmu-miR-13 mmu-miR-19 mmu-miR-26 mmu-miR-32
R81	PUC2MM-20B	mmu-let-7b mmu-miR-13 mmu-miR-19 mmu-miR-26 mmu-miR-32

R82	BKG0	mmu-let-7b mmu-miR-13 mmu-miR-19 mmu-miR-27 mmu-miR-32
R83	PUC2PM	mmu-let-7c mmu-miR-13 mmu-miR-19 mmu-miR-27 mmu-miR-32
R84	PUC2MM	mmu-let-7c mmu-miR-13 mmu-miR-19 mmu-miR-27 mmu-miR-32
R85	a2-PUC2PM-	mmu-let-7d mmu-miR-13 mmu-miR-19 mmu-miR-27 mmu-miR-32
R86	a2-PUC2MM-	mmu-let-7d mmu-miR-13 mmu-miR-19 mmu-miR-28 mmu-miR-32
R87	a3-PUC2PM-	mmu-let-7e mmu-miR-13 mmu-miR-19 mmu-miR-28 mmu-miR-33
R88	a3-PUC2MM-	mmu-let-7f mmu-miR-13 mmu-miR-19 mmu-miR-29 mmu-miR-33
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R120	a2-PUC2PM-	mmu-miR-11 mmu-miR-15 mmu-miR-21 mmu-miR-30 mmu-miR-36
R121	a2-PUC2MM-	mmu-miR-11 mmu-miR-16 mmu-miR-21 mmu-miR-30 mmu-miR-36
R122	a3-PUC2PM-	mmu-miR-12 mmu-miR-16 mmu-miR-21 mmu-miR-30 mmu-miR-36
R123	a3-PUC2MM-	mmu-miR-12 mmu-miR-17 mmu-miR-21 mmu-miR-30 mmu-miR-36

R124	PUC2PM-20B	mmu-miR-12:mmu-miR-17:mmu-miR-21:mmu-miR-30:mmu-miR-36
R125	PUC2MM-20B	mmu-miR-12:mmu-miR-18:mmu-miR-21:mmu-miR-30:mmu-miR-36
R126	BKG0	mmu-miR-12:mmu-miR-18:mmu-miR-21:mmu-miR-30:mmu-miR-37
R127	PUC2PM	
R128	PUC2MM	
stop		

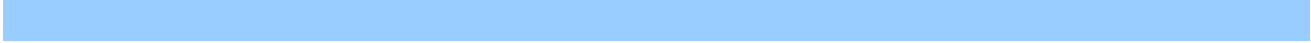
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mmu-miR-40	mmu-miR-46	mmu-miR-66	mmu-miR-72	PUC2PM-20B	mmu-miR-12	mmu-miR-18
mmu-miR-40	mmu-miR-47	mmu-miR-66	mmu-miR-72	PUC2MM-20B	mmu-miR-12	mmu-miR-18
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mmu-miR-41	mmu-miR-47	mmu-miR-66	mmu-miR-74	a2-PUC2MM-	mmu-miR-12	mmu-miR-18
mmu-miR-41	mmu-miR-48	mmu-miR-66	mmu-miR-74	a3-PUC2PM-	mmu-miR-12	mmu-miR-18
mmu-miR-41	mmu-miR-48	mmu-miR-66	mmu-miR-74	a3-PUC2MM-	mmu-miR-12	mmu-miR-18
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mmu-miR-42	mmu-miR-48	mmu-miR-67	mmu-miR-75	mmu-5S-b2	mmu-miR-13	mmu-miR-18
mmu-miR-43	mmu-miR-48	mmu-miR-67	mmu-miR-76	mmu-5S-b3	mmu-miR-13	mmu-miR-18
mmu-miR-43	mmu-miR-48	mmu-miR-67	mmu-miR-76	mmu-5S-b4	mmu-miR-13	mmu-miR-18
mmu-miR-43	mmu-miR-49	mmu-miR-67	mmu-miR-76	mmu-5S-b5	mmu-miR-13	mmu-miR-18
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mmu-miR-44	mmu-miR-49	mmu-miR-67	mmu-miR-770-5p			
mmu-miR-44	mmu-miR-49	mmu-miR-67	mmu-miR-7a			
mmu-miR-44	mmu-miR-49	mmu-miR-67	mmu-miR-7a*			
mmu-miR-45	mmu-miR-50	mmu-miR-67	mmu-miR-7b			
mmu-miR-45	mmu-miR-50	mmu-miR-67	mmu-miR-802			
mmu-miR-45	mmu-miR-50	mmu-miR-67	mmu-miR-804			
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mmu-miR-45	mmu-miR-50	mmu-miR-68	mmu-miR-874		mmu-let-7c	mmu-miR-13
mmu-miR-46	mmu-miR-51	mmu-miR-68	mmu-miR-87	BKG0	mmu-let-7c	mmu-miR-13
mmu-miR-46	mmu-miR-53	mmu-miR-68	mmu-miR-87	PUC2PM	mmu-let-7d	mmu-miR-13
mmu-miR-46	mmu-miR-53	mmu-miR-68	mmu-miR-87	PUC2MM	mmu-let-7d	mmu-miR-13
mmu-miR-46	mmu-miR-53	mmu-miR-68	mmu-miR-87	PUC2PM-20B	mmu-let-7e	mmu-miR-13

mmu-miR-46	mmu-miR-54	mmu-miR-69	mmu-miR-87	PUC2MM-20B	mmu-let-7f	mmu-miR-13
mmu-miR-46	mmu-miR-54	mmu-miR-69	mmu-miR-87	a2-PUC2PM-	mmu-let-7f	mmu-miR-13
mmu-miR-46	mmu-miR-54	mmu-miR-69	mmu-miR-87	a2-PUC2MM-	mmu-let-7g	mmu-miR-14
mmu-miR-46	mmu-miR-54	mmu-miR-69	mmu-miR-87	a3-PUC2PM-	mmu-let-7g	mmu-miR-14
mmu-miR-46	mmu-miR-54	mmu-miR-69	mmu-miR-87	a3-PUC2MM-	mmu-let-7i	mmu-miR-14
mmu-miR-46	mmu-miR-54	mmu-miR-69	mmu-miR-87	a-PUC2PM	mmu-let-7i	mmu-miR-14
mmu-miR-46	mmu-miR-54	mmu-miR-69	mmu-miR-88	a-PUC2MM2d	mmu-miR-1	mmu-miR-14
mmu-miR-46	mmu-miR-54	mmu-miR-69	mmu-miR-88	Ctr01-3P	mmu-miR-10	mmu-miR-14
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mmu-miR-46	mmu-miR-56	mmu-miR-69	mmu-miR-88	Ctr02-3P	mmu-miR-10	mmu-miR-14
mmu-miR-46	mmu-miR-57	mmu-miR-70	mmu-miR-88	Ctr02-3M05	mmu-miR-10	mmu-miR-14
mmu-miR-46	mmu-miR-57	mmu-miR-70	mmu-miR-88	Ctr02-3M10	mmu-miR-10	mmu-miR-14
mmu-miR-46	mmu-miR-58	mmu-miR-70	mmu-miR-88	Ctr03-3P	mmu-miR-10	mmu-miR-14
mmu-miR-46	mmu-miR-58	mmu-miR-70	mmu-miR-9	Ctr03-3M05	mmu-miR-10	mmu-miR-14
mmu-miR-46	mmu-miR-59	mmu-miR-70	mmu-miR-9*	Ctr03-3M10	mmu-miR-10	mmu-miR-14
mmu-miR-46	mmu-miR-59	mmu-miR-70	mmu-miR-92	Ctr04-3P	mmu-miR-10	mmu-miR-14
mmu-miR-46	mmu-miR-59	mmu-miR-70	mmu-miR-92	Ctr04-3M05	mmu-miR-10	mmu-miR-14
mmu-miR-46	mmu-miR-59	mmu-miR-70	mmu-miR-92	Ctr04-3M10	mmu-miR-10	mmu-miR-14
mmu-miR-46	mmu-miR-61	mmu-miR-70	mmu-miR-93	Ctr05-3P	mmu-miR-10	mmu-miR-14
mmu-miR-46	mmu-miR-61	mmu-miR-70	mmu-miR-93	Ctr05-3M05	mmu-miR-10	mmu-miR-15
mmu-miR-46	mmu-miR-65	mmu-miR-70	mmu-miR-96	Ctr05-3M10	mmu-miR-11	mmu-miR-15
mmu-miR-46	mmu-miR-65	mmu-miR-71	mmu-miR-98	Ctr06-3P	mmu-miR-11	mmu-miR-15
mmu-miR-46	mmu-miR-65	mmu-miR-71	mmu-miR-99	Ctr06-3M05	mmu-miR-11	mmu-miR-15
mmu-miR-46	mmu-miR-65	mmu-miR-71	mmu-miR-99	Ctr06-3M10	mmu-miR-11	mmu-miR-15
mmu-miR-46	mmu-miR-66	mmu-miR-71	mmu-miR-99	Ctr07-3P	mmu-miR-11	mmu-miR-15
mmu-miR-46	mmu-miR-66	mmu-miR-713		Ctr07-3M05	mmu-miR-11	mmu-miR-15
mmu-miR-46	mmu-miR-66	mmu-miR-714		Ctr07-3M10	mmu-miR-11	mmu-miR-15
mmu-miR-46	mmu-miR-66	mmu-miR-715		Ctr08-3P	mmu-miR-11	mmu-miR-15
mmu-miR-46	mmu-miR-66	mmu-miR-717		Ctr08-3M05	mmu-miR-11	mmu-miR-15
				Ctr08-3M10	mmu-miR-11	mmu-miR-15
				Ctr09-3P	mmu-miR-11	mmu-miR-15
				Ctr09-3M05	mmu-miR-11	mmu-miR-15
				Ctr09-3M10	mmu-miR-11	mmu-miR-16
				Ctr10-3P	mmu-miR-12	mmu-miR-16
				Ctr10-3M05	mmu-miR-12	mmu-miR-17
				Ctr10-3M10	mmu-miR-12	mmu-miR-17
				Ctr11-3P	mmu-miR-12	mmu-miR-18
				Ctr11-3M05	mmu-miR-12	mmu-miR-18
mmu-miR-38	mmu-miR-46	mmu-miR-66	mmu-miR-71	Ctr11-3M10	mmu-miR-12	mmu-miR-18
mmu-miR-38	mmu-miR-46	mmu-miR-66	mmu-miR-71	PUC2PM-20B	mmu-miR-12	mmu-miR-18
mmu-miR-40	mmu-miR-46	mmu-miR-66	mmu-miR-72	PUC2MM-20B	mmu-miR-12	mmu-miR-18

mmu-miR-40	mmu-miR-47	mmu-miR-66	mmu-miR-72	BKG0	mmu-miR-12	mmu-miR-18
mmu-miR-41	mmu-miR-47	mmu-miR-66	mmu-miR-74	PUC2PM	mmu-miR-12	mmu-miR-18
mmu-miR-41	mmu-miR-47	mmu-miR-66	mmu-miR-74	PUC2MM	mmu-miR-12	mmu-miR-18
mmu-miR-41	mmu-miR-48	mmu-miR-66	mmu-miR-74	a2-PUC2PM-	mmu-miR-12	mmu-miR-18
mmu-miR-41	mmu-miR-48	mmu-miR-66	mmu-miR-74	a2-PUC2MM-	mmu-miR-12	mmu-miR-18
mmu-miR-42	mmu-miR-48	mmu-miR-66	mmu-miR-74	a3-PUC2PM-	mmu-miR-12	mmu-miR-18
mmu-miR-42	mmu-miR-48	mmu-miR-66	mmu-miR-74	a3-PUC2MM-	mmu-miR-12	mmu-miR-18
mmu-miR-42	mmu-miR-48	mmu-miR-66	mmu-miR-744		mmu-miR-12	mmu-miR-18
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mmu-miR-43	mmu-miR-49	mmu-miR-67	mmu-miR-764-5p			
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mmu-miR-44	mmu-miR-49	mmu-miR-67	mmu-miR-770-5p			
mmu-miR-44	mmu-miR-49	mmu-miR-67	mmu-miR-7a			
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mmu-miR-45	mmu-miR-50	mmu-miR-67	mmu-miR-7b			
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mmu-miR-45	mmu-miR-50	mmu-miR-68	mmu-miR-805			
mmu-miR-45	mmu-miR-50	mmu-miR-68	mmu-miR-871		mmu-let-7a	mmu-miR-13
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mmu-miR-45	mmu-miR-50	mmu-miR-68	mmu-miR-872*		mmu-let-7b	mmu-miR-13
mmu-miR-45	mmu-miR-50	mmu-miR-68	mmu-miR-873		mmu-let-7b	mmu-miR-13
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mmu-miR-46	mmu-miR-51	mmu-miR-68	mmu-miR-875-3p		mmu-let-7c	mmu-miR-13
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mmu-miR-46	mmu-miR-54	mmu-miR-69	mmu-miR-877		mmu-let-7f	mmu-miR-13
mmu-miR-46	mmu-miR-54	mmu-miR-69	mmu-miR-877*		mmu-let-7f	mmu-miR-13
mmu-miR-46	mmu-miR-54	mmu-miR-69	mmu-miR-878-3p		mmu-let-7g	mmu-miR-14
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mmu-miR-46	mmu-miR-54	mmu-miR-69	mmu-miR-87	a2-PUC2PM-	mmu-let-7i	mmu-miR-14
mmu-miR-46	mmu-miR-54	mmu-miR-69	mmu-miR-87	a2-PUC2MM-	mmu-let-7i	mmu-miR-14
mmu-miR-46	mmu-miR-54	mmu-miR-69	mmu-miR-88	a3-PUC2PM-	mmu-miR-1	mmu-miR-14
mmu-miR-46	mmu-miR-54	mmu-miR-69	mmu-miR-88	a3-PUC2MM-	mmu-miR-10	mmu-miR-14



mmu-miR-46	mmu-miR-54	mmu-miR-69	mmu-miR-88	PUC2PM-20B	mmu-miR-10	mmu-miR-14
mmu-miR-46	mmu-miR-55	mmu-miR-69	mmu-miR-88	PUC2MM-20B	mmu-miR-10	mmu-miR-14
mmu-miR-46	mmu-miR-56	mmu-miR-69	mmu-miR-88	BKG0	mmu-miR-10	mmu-miR-14
				PUC2PM		
				PUC2MM		







mmu-miR-21|mmu-miR-30|mmu-miR-37 mmu-miR-46 mmu-miR-58|mmu-miR-70|mmu-miR-9  
mmu-miR-21|mmu-miR-30|mmu-miR-37 mmu-miR-46 mmu-miR-59|mmu-miR-70|mmu-miR-9\*  
mmu-miR-21 mmu-miR-30|mmu-miR-37 mmu-miR-46 mmu-miR-59|mmu-miR-70|mmu-miR-92|  
mmu-miR-22 mmu-miR-30|mmu-miR-37 mmu-miR-46 mmu-miR-59|mmu-miR-70 mmu-miR-92|  
mmu-miR-22 mmu-miR-30|mmu-miR-37 mmu-miR-46 mmu-miR-59|mmu-miR-70|mmu-miR-92|  
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mmu-miR-19|mmu-miR-26|mmu-miR-32|mmu-miR-38|mmu-miR-46|mmu-miR-66 mmu-miR-71|  
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mmu-miR-19|mmu-miR-29|mmu-miR-33|mmu-miR-43|mmu-miR-49|mmu-miR-67|mmu-miR-76  
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mmu-miR-20|mmu-miR-29|mmu-miR-33|mmu-miR-43|mmu-miR-49|mmu-miR-67|mmu-miR-76





PUC2MM-20B	mmu-miR-12 mmu-miR-18 mmu-miR-22 mmu-miR-30 mmu-miR-37 mmu-miR-46
a2-PUC2PM-	mmu-miR-12 mmu-miR-18 mmu-miR-22 mmu-miR-30 mmu-miR-37 mmu-miR-46
a2-PUC2MM-	mmu-miR-1 mmu-miR-18 mmu-miR-22 mmu-miR-31 mmu-miR-37 mmu-miR-46
a3-PUC2PM-	mmu-miR-13 mmu-miR-18 mmu-miR-22 mmu-miR-31 mmu-miR-37 mmu-miR-46
a3-PUC2MM-	mmu-miR-13 mmu-miR-18 mmu-miR-23 mmu-miR-32 mmu-miR-38 mmu-miR-46
a-PUC2PM	mmu-miR-13 mmu-miR-18 mmu-miR-23 mmu-miR-32 mmu-miR-38 mmu-miR-46
a-PUC2MM2d	mmu-miR-13 mmu-miR-18 mmu-miR-24 mmu-miR-32 mmu-miR-38 mmu-miR-46
Ctr01-3P	mmu-miR-13 mmu-miR-18 mmu-miR-24 mmu-miR-32 mmu-miR-38 mmu-miR-46
Ctr01-3M05	mmu-miR-13 mmu-miR-19 mmu-miR-24 mmu-miR-32 mmu-miR-38 mmu-miR-46
Ctr01-3M10	mmu-miR-13 mmu-miR-19 mmu-miR-25 mmu-miR-32 mmu-miR-38 mmu-miR-46
Ctr02-3P	
Ctr02-3M05	
Ctr02-3M10	
Ctr03-3P	
Ctr03-3M05	
Ctr03-3M10	
Ctr04-3P	
Ctr04-3M05	
Ctr04-3M10	
Ctr05-3P	mmu-let-7a mmu-miR-13 mmu-miR-19 mmu-miR-26 mmu-miR-32 mmu-miR-38
Ctr05-3M05	mmu-let-7a mmu-miR-13 mmu-miR-19 mmu-miR-26 mmu-miR-32 mmu-miR-38
Ctr05-3M10	mmu-let-7b mmu-miR-13 mmu-miR-19 mmu-miR-26 mmu-miR-32 mmu-miR-40
Ctr06-3P	mmu-let-7b mmu-miR-13 mmu-miR-19 mmu-miR-27 mmu-miR-32 mmu-miR-40
Ctr06-3M05	mmu-let-7c mmu-miR-13 mmu-miR-19 mmu-miR-27 mmu-miR-32 mmu-miR-41
Ctr06-3M10	mmu-let-7c mmu-miR-13 mmu-miR-19 mmu-miR-27 mmu-miR-32 mmu-miR-41
Ctr07-3P	mmu-let-7d mmu-miR-13 mmu-miR-19 mmu-miR-27 mmu-miR-32 mmu-miR-41
Ctr07-3M05	mmu-let-7d mmu-miR-13 mmu-miR-19 mmu-miR-28 mmu-miR-32 mmu-miR-41
Ctr07-3M10	mmu-let-7e mmu-miR-13 mmu-miR-19 mmu-miR-28 mmu-miR-33 mmu-miR-42
Ctr08-3P	mmu-let-7f mmu-miR-13 mmu-miR-19 mmu-miR-29 mmu-miR-33 mmu-miR-42
Ctr08-3M05	mmu-let-7f mmu-miR-13 mmu-miR-19 mmu-miR-29 mmu-miR-33 mmu-miR-42
Ctr08-3M10	mmu-let-7g mmu-miR-14 mmu-miR-19 mmu-miR-29 mmu-miR-33 mmu-miR-42
Ctr09-3P	mmu-let-7g mmu-miR-14 mmu-miR-19 mmu-miR-29 mmu-miR-33 mmu-miR-42
Ctr09-3M05	mmu-let-7i mmu-miR-14 mmu-miR-19 mmu-miR-29 mmu-miR-33 mmu-miR-42
Ctr09-3M10	mmu-let-7i mmu-miR-14 mmu-miR-19 mmu-miR-29 mmu-miR-33 mmu-miR-43
Ctr10-3P	mmu-miR-1 mmu-miR-14 mmu-miR-19 mmu-miR-29 mmu-miR-33 mmu-miR-43
Ctr10-3M05	mmu-miR-10 mmu-miR-14 mmu-miR-19 mmu-miR-29 mmu-miR-33 mmu-miR-43
Ctr10-3M10	mmu-miR-10 mmu-miR-14 mmu-miR-19 mmu-miR-29 mmu-miR-33 mmu-miR-43
Ctr11-3P	mmu-miR-10 mmu-miR-14 mmu-miR-20 mmu-miR-29 mmu-miR-33 mmu-miR-43
Ctr11-3M05	mmu-miR-10 mmu-miR-14 mmu-miR-20 mmu-miR-29 mmu-miR-33 mmu-miR-43
Ctr11-3M10	mmu-miR-10 mmu-miR-14 mmu-miR-20 mmu-miR-29 mmu-miR-33 mmu-miR-44
PUC2PM-20B	mmu-miR-10 mmu-miR-14 mmu-miR-20 mmu-miR-29 mmu-miR-33 mmu-miR-44
PUC2MM-20B	mmu-miR-10 mmu-miR-14 mmu-miR-20 mmu-miR-29 mmu-miR-34 mmu-miR-44





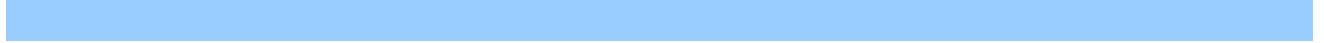
PUC2PM-20B mmu-miR-13:mmu-miR-19:mmu-miR-24:mmu-miR-32:mmu-miR-38:mmu-miR-46'

PUC2MM-20B mmu-miR-13:mmu-miR-19:mmu-miR-25:mmu-miR-32:mmu-miR-38:mmu-miR-46'

BKG0

PUC2PM

PUC2MM



C28	C29	C30	C31	stop
			PUC2PM	
mmu-miR-49	mmu-miR-67	mmu-miR-77	PUC2MM	
mmu-miR-49	mmu-miR-67	mmu-miR-77	BKG0	
mmu-miR-49	mmu-miR-67	mmu-miR-7a	PUC2PM-20B	
mmu-miR-49	mmu-miR-67	mmu-miR-7a	PUC2MM-20B	
mmu-miR-50	mmu-miR-67	mmu-miR-7b	a2-PUC2PM-20B	
mmu-miR-50	mmu-miR-67	mmu-miR-80	a2-PUC2MM-20B	
mmu-miR-50	mmu-miR-67	mmu-miR-80	a3-PUC2PM-20B	
mmu-miR-50	mmu-miR-68	mmu-miR-80	a3-PUC2MM-20B	
mmu-miR-50	mmu-miR-68	mmu-miR-871		
mmu-miR-50	mmu-miR-68	mmu-miR-872		
mmu-miR-50	mmu-miR-68	mmu-miR-872*		
mmu-miR-50	mmu-miR-68	mmu-miR-873		
mmu-miR-50	mmu-miR-68	mmu-miR-87	mmu-5S-b1	
mmu-miR-51	mmu-miR-68	mmu-miR-87	mmu-5S-b2	
mmu-miR-53	mmu-miR-68	mmu-miR-87	mmu-5S-b3	
mmu-miR-53	mmu-miR-68	mmu-miR-87	mmu-5S-b4	
mmu-miR-53	mmu-miR-68	mmu-miR-87	mmu-5S-b5	
mmu-miR-54	mmu-miR-69	mmu-miR-877		
mmu-miR-54	mmu-miR-69	mmu-miR-877*		
mmu-miR-54	mmu-miR-69	mmu-miR-878-3p		
mmu-miR-54	mmu-miR-69	mmu-miR-878-5p		
mmu-miR-54	mmu-miR-69	mmu-miR-879		
mmu-miR-54	mmu-miR-69	mmu-miR-879*		
mmu-miR-54	mmu-miR-69	mmu-miR-880		
mmu-miR-54	mmu-miR-69	mmu-miR-881		
mmu-miR-54	mmu-miR-69	mmu-miR-881*		
mmu-miR-55	mmu-miR-69	mmu-miR-882		
mmu-miR-56	mmu-miR-69	mmu-miR-883a-3p		
mmu-miR-57	mmu-miR-70	mmu-miR-883a-5p		
mmu-miR-57	mmu-miR-70	mmu-miR-883b-3p		
mmu-miR-58	mmu-miR-70	mmu-miR-883b-5p		
mmu-miR-58	mmu-miR-70	mmu-miR-9		
mmu-miR-59	mmu-miR-70	mmu-miR-9*		
mmu-miR-59	mmu-miR-70	mmu-miR-92	BKG0	
mmu-miR-59	mmu-miR-70	mmu-miR-92	PUC2PM	
mmu-miR-59	mmu-miR-70	mmu-miR-92	PUC2MM	
mmu-miR-61	mmu-miR-70	mmu-miR-93	PUC2PM-20B	

mmu-miR-61;mmu-miR-70;mmu-miR-93	PUC2MM-20B
mmu-miR-65;mmu-miR-70;mmu-miR-96	a2-PUC2PM-20B
mmu-miR-65;mmu-miR-71;mmu-miR-98	a2-PUC2MM-20B
mmu-miR-65;mmu-miR-71;mmu-miR-99	a3-PUC2PM-20B
mmu-miR-65;mmu-miR-71;mmu-miR-99	a3-PUC2MM-20B
mmu-miR-66;mmu-miR-71;mmu-miR-99	a-PUC2PM
mmu-miR-66;mmu-miR-713	a-PUC2MM2d
mmu-miR-66;mmu-miR-714	Ctr01-3P
mmu-miR-66;mmu-miR-715	Ctr01-3M05
mmu-miR-66;mmu-miR-717	Ctr01-3M10
	Ctr02-3P
	Ctr02-3M05
	Ctr02-3M10
	Ctr03-3P
	Ctr03-3M05
	Ctr03-3M10
	Ctr04-3P
	Ctr04-3M05
	Ctr04-3M10
mmu-miR-46;mmu-miR-66;mmu-miR-71	Ctr05-3P
mmu-miR-46;mmu-miR-66;mmu-miR-71	Ctr05-3M05
mmu-miR-46;mmu-miR-66;mmu-miR-72	Ctr05-3M10
mmu-miR-47;mmu-miR-66;mmu-miR-72	Ctr06-3P
mmu-miR-47;mmu-miR-66;mmu-miR-74	Ctr06-3M05
mmu-miR-47;mmu-miR-66;mmu-miR-74	Ctr06-3M10
mmu-miR-48;mmu-miR-66;mmu-miR-74	Ctr07-3P
mmu-miR-48;mmu-miR-66;mmu-miR-74	Ctr07-3M05
mmu-miR-48;mmu-miR-66;mmu-miR-74	Ctr07-3M10
mmu-miR-48;mmu-miR-66;mmu-miR-74	Ctr08-3P
mmu-miR-48;mmu-miR-66;mmu-miR-74	Ctr08-3M05
mmu-miR-48;mmu-miR-66;mmu-miR-74	Ctr08-3M10
mmu-miR-48;mmu-miR-67;mmu-miR-75	Ctr09-3P
mmu-miR-48;mmu-miR-67;mmu-miR-75	Ctr09-3M05
mmu-miR-48;mmu-miR-67;mmu-miR-76	Ctr09-3M10
mmu-miR-48;mmu-miR-67;mmu-miR-76	Ctr10-3P
mmu-miR-49;mmu-miR-67;mmu-miR-76	Ctr10-3M05
mmu-miR-49;mmu-miR-67;mmu-miR-76	Ctr10-3M10
mmu-miR-49;mmu-miR-67;mmu-miR-76	Ctr11-3P
mmu-miR-49;mmu-miR-67;mmu-miR-76	Ctr11-3M05
mmu-miR-49;mmu-miR-67;mmu-miR-77	Ctr11-3M10
mmu-miR-49;mmu-miR-67;mmu-miR-77	PUC2PM-20B
mmu-miR-49;mmu-miR-67;mmu-miR-7a	PUC2MM-20B

mmu-miR-49	mmu-miR-67	mmu-miR-7a	BKG0
mmu-miR-50	mmu-miR-67	mmu-miR-7b	PUC2PM
mmu-miR-50	mmu-miR-67	mmu-miR-80	PUC2MM
mmu-miR-50	mmu-miR-67	mmu-miR-80	a2-PUC2PM-20B
mmu-miR-50	mmu-miR-68	mmu-miR-80	a2-PUC2MM-20B
mmu-miR-50	mmu-miR-68	mmu-miR-87	a3-PUC2PM-20B
mmu-miR-50	mmu-miR-68	mmu-miR-87	a3-PUC2MM-20B
mmu-miR-50	mmu-miR-68	mmu-miR-872*	
mmu-miR-50	mmu-miR-68	mmu-miR-873	
mmu-miR-50	mmu-miR-68	mmu-miR-874	
mmu-miR-51	mmu-miR-68	mmu-miR-875-3p	
mmu-miR-53	mmu-miR-68	mmu-miR-875-5p	
mmu-miR-53	mmu-miR-68	mmu-miR-876-3p	
mmu-miR-53	mmu-miR-68	mmu-miR-876-5p	
mmu-miR-54	mmu-miR-69	mmu-miR-877	
mmu-miR-54	mmu-miR-69	mmu-miR-877*	
mmu-miR-54	mmu-miR-69	mmu-miR-878-3p	
mmu-miR-54	mmu-miR-69	mmu-miR-878-5p	
mmu-miR-54	mmu-miR-69	mmu-miR-879	
mmu-miR-54	mmu-miR-69	mmu-miR-879*	
mmu-miR-54	mmu-miR-69	mmu-miR-880	
mmu-miR-54	mmu-miR-69	mmu-miR-881	
mmu-miR-54	mmu-miR-69	mmu-miR-881*	
mmu-miR-55	mmu-miR-69	mmu-miR-882	
mmu-miR-56	mmu-miR-69	mmu-miR-883a-3p	
mmu-miR-57	mmu-miR-70	mmu-miR-883a-5p	
mmu-miR-57	mmu-miR-70	mmu-miR-883b-3p	
mmu-miR-58	mmu-miR-70	mmu-miR-883b-5p	
mmu-miR-58	mmu-miR-70	mmu-miR-9	
mmu-miR-59	mmu-miR-70	mmu-miR-9*	
mmu-miR-59	mmu-miR-70	mmu-miR-92a	
mmu-miR-59	mmu-miR-70	mmu-miR-92a*	
mmu-miR-59	mmu-miR-70	mmu-miR-92b	
mmu-miR-61	mmu-miR-70	mmu-miR-93	
mmu-miR-61	mmu-miR-70	mmu-miR-93*	
mmu-miR-65	mmu-miR-70	mmu-miR-96	
mmu-miR-65	mmu-miR-71	mmu-miR-98	
mmu-miR-65	mmu-miR-71	mmu-miR-99a	
mmu-miR-65	mmu-miR-71	mmu-miR-99	a2-PUC2PM-20B
mmu-miR-66	mmu-miR-71	mmu-miR-99	a2-PUC2MM-20B
mmu-miR-66	mmu-miR-713		a3-PUC2PM-20B
mmu-miR-66	mmu-miR-714		a3-PUC2MM-20B

mmu-miR-66;mmu-miR-715  
mmu-miR-66;mmu-miR-717

PUC2PM-20B

PUC2MM-20B

BKG0

PUC2PM

PUC2MM