

Supplementary Table 4 The top 10 expressed miRNAs in each library

Species/origin	miRNA_id	Pig (Present in top 10 expressed miRNAs/TPM)			Human		Bull	Mouse
		epididymal	ejaculated	seminal	seminal	ejaculated	ejaculated	epididymal
		sperm	sperm	plasma	plasma	sperm	sperm	sperm
1	ssc-miR-10b	+73605.00	+3123.53	+323.84	+	-	+	+
2	ssc-let-7a	+29839.80	+7715.04	+1499.82	+	-	-	-
3	ssc-miR-92a	+24020.30	-1626.03	+212.88	+	-	+	-
4	ssc-miR-26a	+21477.00	+10367.00	+655.08	+	-	+	+
5	ssc-miR-16	+18878.60	-16.93	-10.69	+	-	-	+
6	ssc-miR-182	+14979.20	-70.27	-16.85	+	-	+	+
7	ssc-miR-30d	+13569.40	+3767.77	-173.02	+	-	+	+
8	ssc-let-7f	+12280.90	+4073.05	-131.92	+	-	+	+
9	ssc-miR-22-3p	+10420.30	+4898.77	-151.44	-	+	+	-
10	ssc-miR-451	+9318.65	-424.37	-57.12	+	-	+	+
11	ssc-miR-181a	-7389.07	+12923.80	+1086.18	+	-	+	+
12	ssc-miR-9-1>ssc-miR-	-5302.85	+8405.93	+647.89	-	-	-	-

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13	ssc-miR-30e-5p	-/7878.58	+/4615.52	-/155.14	-	+	+	-
14	ssc-miR-9	-/4139.48	+/3850.83	+/408.29	+	-	-	+
15	ssc-miR-128	-/7019.82	-/2494.85	+/819.46	+	+	+	-
16	ssc-miR-221-3p	-/3773.84	-/382.05	+/338.02	-	+	+	-
17	ssc-miR-148a-3p	-/2940.47	-/3120.19	+/185.96	-	+	-	-
Total	17	10	10	10	13	5	12	10

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