



Supplementary Figure 1. Hepatocyte-derived EV characterization.
(A) Gel electrophoresis of isolated RNAs.
(B) Characterization of the miRNAs encapsulated in the HC-EVs by Agilent 2100 Bioanalyzer. Cont, control and AH, alcoholic hepatitis.

Supplementary Table 1

id	baseMean	group_CTL_r	group_mAH_FC	mAH_ov	log2FoldChange	pval
mmu-miR-181a-5p_MIMAT0000210	31.1455683	15.3484906	52.2083387	3.4015292	1.7661835	8.00E-07
mmu-let-7a-5p_MIMAT0000521	69.7692218	24.4310243	130.220152	5.3301143	2.4141665	2.50E-06
mmu-let-7i-5p_MIMAT0000122	31.5693465	16.6972047	51.398869	3.0782918	1.62213	4.70E-06
mmu-let-7f-5p_MIMAT0000525	189.381259	89.4350055	322.64293	3.6075687	1.8510269	4.80E-06
mmu-miR-125a-5p_MIMAT0000135	13.4938371	7.0188188	22.1271948	3.1525525	1.6565204	1.19E-05
mmu-miR-221-3p_MIMAT0000669	11.8325825	6.5576111	18.8658779	2.8769437	1.524537	9.39E-05
mmu-miR-126a-3p_MIMAT0000138	23.6501018	14.005787	36.5091881	2.6067216	1.3822365	0.0001333
mmu-miR-103-3p_MIMAT0000546	16.189302	9.2413737	25.4532065	2.7542666	1.4616682	0.0001557
mmu-miR-27a-3p_MIMAT0000537	11.7212802	7.4498106	17.4165731	2.3378545	1.2251851	0.0002541
mmu-miR-99b-5p_MIMAT0000132	62.0469597	41.9318992	88.8670405	2.1193183	1.0836003	0.000504
mmu-miR-19b-3p_MIMAT0000513	46.375689	63.7481487	23.2124094	0.3641268	-1.4574872	0.0012047
mmu-miR-25-3p_MIMAT0000652	14.3233264	10.3724089	19.5912163	1.8887817	0.917456	0.0035274
mmu-miR-101b-3p_MIMAT0000616	33.4797223	43.8778867	19.615503	0.4470476	-1.1614997	0.0038982
mmu-miR-146a-5p_MIMAT0000158	10.6807392	7.2604793	15.2410856	2.0991845	1.069829	0.0061205
mmu-miR-10a-5p_MIMAT0000648	232.535666	167.000082	319.916445	1.9156664	0.9378463	0.0064862
mmu-miR-148b-3p_MIMAT0000580	9.4100287	6.4525496	13.3533343	2.0694664	1.0492588	0.006689
mmu-miR-125b-5p_MIMAT0000136	11.1635423	7.4498749	16.1150988	2.1631368	1.1131249	0.0077759
mmu-miR-100-5p_MIMAT0000655	18.2766589	13.184313	25.0664533	1.9012332	0.9269355	0.0081653
mmu-miR-151-3p_MIMAT0000161	11.4221039	8.514435	15.2989959	1.7968304	0.8454543	0.0151641
mmu-miR-193a-3p_MIMAT0000223	11.6563745	14.852966	7.3942524	0.49783	-1.0062749	0.0276435
mmu-miR-107-3p_MIMAT0000647	10.2738941	7.2326588	14.3288746	1.9811351	0.9863273	0.027879
mmu-miR-199b-3p_MIMAT0004667	7.7612192	5.7747814	10.4098029	1.8026315	0.8501045	0.0427204
mmu-miR-152-3p_MIMAT0000162	7.3376545	5.5975846	9.6577477	1.725342	0.7868824	0.0457862
mmu-miR-192-5p_MIMAT0000517	2615.15456	3204.03686	1829.97817	0.5711477	-0.8080643	0.0482257

Supplementary Table 2

normalized

id	MAH_1	MAH_3	MAH_4	CTL_1	CTL_2	CTL_3	CTL_4	row_sum
mmu-nrlf-181a-5p_MIMAT0000210	48.0802907	66.5892954	40.2692789	16.5851054	12.3544753	20.5300172	11.675006	216.083469
mmu-let-7a-5p_MIMAT0000521	82.6274926	157.493171	149.083874	24.0412848	30.6323291	27.115751	16.257034	487.250936
mmu-let-7f-5p_MIMAT0000122	49.8174574	64.5152749	39.9191133	16.5317199	15.6884912	21.7732424	13.9293653	222.174661
mmu-let-7f-5p_MIMAT0000525	234.489483	377.471725	363.211388	100.400392	104.065299	100.566844	56.0290317	1336.23416
mmu-nrlf-125a-5p_MIMAT0000135	20.0614733	67.9672619	19.5218461	4.5555654	8.7361675	6.341526	94.9454547	
mmu-nrlf-221-3p_MIMAT0000669	22.3590163	14.3857559	20.8349747	8.3993238	7.17575	3.9648806	6.9463536	84.0466058
mmu-nrlf-126a-3p_MIMAT0000138	38.3857799	33.8462596	36.0672672	9.2001068	11.8129092	17.2035496	16.9168454	163.432707
mmu-nrlf-103-3p_MIMAT0000546	26.0575002	26.7452475	21.2726843	7.4561794	9.2066227	7.2913482	5.7916827	97.4853904
mmu-nrlf-27a-3p_MIMAT0000537	21.1261883	19.7698866	13.112866	6.3528784	6.2110855	8.8033789	8.6142116	84.0084159
mmu-nrlf-99b-5p_MIMAT0000132	104.286039	95.5373257	63.5554272	43.0821247	31.0046558	58.8683962	32.9095977	429.324566
mmu-nrlf-19b-3p_MIMAT0000513	26.7859895	24.9765018	19.3467623	9.39407421	57.4229242	47.2089593	61.5467928	331.227672
mmu-nrlf-25-3p_MIMAT0000652	26.0575002	19.0633371	12.5184932	9.3068778	11.7521374	8.5009727	11.4367405	98.64660589
mmu-nrlf-101b-3p_MIMAT0000616	22.1909034	16.0626266	20.0470975	46.2318712	45.0884489	37.4311606	45.6369935	232.669102
mmu-nrlf-146a-5p_MIMAT0000158	13.196863	16.9893166	16.3703373	6.317288	6.1941616	9.9794028	7.3129158	76.3602851
mmu-nrlf-10a-5p_MIMAT0000648	288.313631	415.201246	253.171206	147.82454	118.992213	215.817185	185.278862	1624.598888
mmu-nrlf-148b-3p_MIMAT0000580	12.6346867	14.7829118	13.74408	7.7409022	7.5650006	7.9297611	5.2051832	69.6043256
mmu-nrlf-125b-5p_MIMAT0000136	13.4770512	17.2099571	16.9831307	4.1996619	10.7974729	7.5601536	7.4961969	77.7236243
mmu-nrlf-151-3p_MIMAT0000161	17.0074222	15.4889614	13.0437447	8.6128659	8.021947	8.7697782	8.9624457	79.9071651
mmu-nrlf-193a-3p_MIMAT0000223	7.7051748	5.4277557	8.6666492	18.6137557	12.3544753	8.2993686	19.8859992	80.9531785
mmu-nrlf-107-3p_MIMAT0000647	14.7098792	17.4039575	17.7710079	9.8941187	9.8665653	6.88814	8.8891333	85.4495329
mmu-nrlf-199b-3p_MIMAT0000467	1.9332984	2.6035576	1.3131287	0.800783	0.5923379	1.0416212	0.9713898	9.2561166
mmu-nrlf-152-3p_MIMAT0000162	8.741871	10.8118833	9.1919006	6.1215411	5.787987	6.0817236	4.6553399	51.3917465
mmu-nrlf-192-5p_MIMAT0000517	207.52569	1673.38149	1706.45447	3414.66323	3163.15185	2802.12894	3270.85281	18058.1585
	log 2							
mmu-nrlf-181a-5p_MIMAT0000210	MAH_1	MAH_3	MAH_4	CTL_1	CTL_2	CTL_3	CTL_4	
mmu-let-7a-5p_MIMAT0000521	5.58737371	6.05721837	5.33160773	4.05181628	3.62696183	4.35966293	3.54535139	
mmu-let-7f-5p_MIMAT0000122	6.36854998	7.29914547	7.2199804	4.58744209	4.93698316	4.76105922	4.02299211	
mmu-let-7f-5p_MIMAT0000525	5.63857949	6.01156887	5.3190077	4.04776492	3.97163471	4.44448436	3.80005743	
mmu-nrlf-125a-5p_MIMAT0000135	7.87373941	8.56024777	8.50466562	6.64962108	6.70134527	6.65201092	5.80810265	
mmu-nrlf-221-3p_MIMAT0000669	4.32635566	4.75286985	4.28701758	2.18763012	3.13201747	3.12700217	2.66483005	
mmu-nrlf-126a-3p_MIMAT0000138	4.48278481	3.84659649	4.38093544	3.07027319	2.84312963	1.98727742	2.79625585	
mmu-nrlf-103-3p_MIMAT0000546	5.26250006	5.08092405	5.17261821	3.20165061	3.5622924	4.10463436	4.08038866	
mmu-nrlf-27a-3p_MIMAT0000537	4.30191715	4.74101526	4.41093019	2.89843657	3.20267202	2.8661856	2.53998257	
mmu-nrlf-99b-5p_MIMAT0000132	4.74340669	4.64249952	4.27402025	5.98994342	5.4290175	4.95441297	5.87942142	5.04398301
mmu-nrlf-19b-3p_MIMAT0000513	6.70440222	6.57799259	5.98994342	5.4290175	5.87942142	5.04398301	5.04398301	
mmu-nrlf-25-3p_MIMAT0000652	4.70362678	4.25272878	3.64598902	3.21829726	3.55607834	3.08762793	3.51560403	
mmu-nrlf-101b-3p_MIMAT0000161	4.4718965	4.00565392	4.32532147	5.53081585	5.49404589	5.2816788	5.51213185	
mmu-nrlf-146a-5p_MIMAT0000158	3.72212313	4.08655592	4.03301214	2.65090535	2.63090902	3.31895348	2.87044675	
mmu-nrlf-10a-5p_MIMAT0000648	8.17149524	8.69766696	7.98396952	7.20774197	6.89472336	7.53366594	7.53355449	
mmu-nrlf-148b-3p_MIMAT0000580	3.6595235	3.88585856	3.78073843	2.95250172	2.9193402	2.9872774	2.37994894	
mmu-nrlf-125b-5p_MIMAT0000136	3.75243296	4.10511716	4.08603053	2.07077319	3.43262179	2.91841555	2.90611885	
mmu-nrlf-100-5p_MIMAT0000655	4.51849691	4.97964071	4.31266617	3.5948979	4.0234976	3.74787121	3.74787121	
mmu-nrlf-151-3p_MIMAT0000161	4.08809258	3.9531685	3.7052862	3.10649337	3.00395243	3.13254036	3.16389247	
mmu-nrlf-193a-3p_MIMAT0000223	2.94582769	2.44035579	3.11547431	4.21829727	3.62696183	3.05300158	4.31368115	
mmu-nrlf-107-3p_MIMAT0000647	3.87871349	4.12355012	4.1514536	3.3065121	3.30256125	2.78411447	3.15204276	
mmu-nrlf-199b-3p_MIMAT0000467	0.95106433	1.38048432	0.39300832	-0.3205167	-0.7550771	0.05883072	-0.0418778	
mmu-nrlf-152-3p_MIMAT0000162	3.12794209	3.43447922	3.2003632	2.6138949	2.53306168	2.60448025	2.21888651	
mmu-nrlf-192-5p_MIMAT0000517	10.98555045	10.7085507	10.7367862	11.6271471	11.4523076	11.6754511	11.6754511	

