

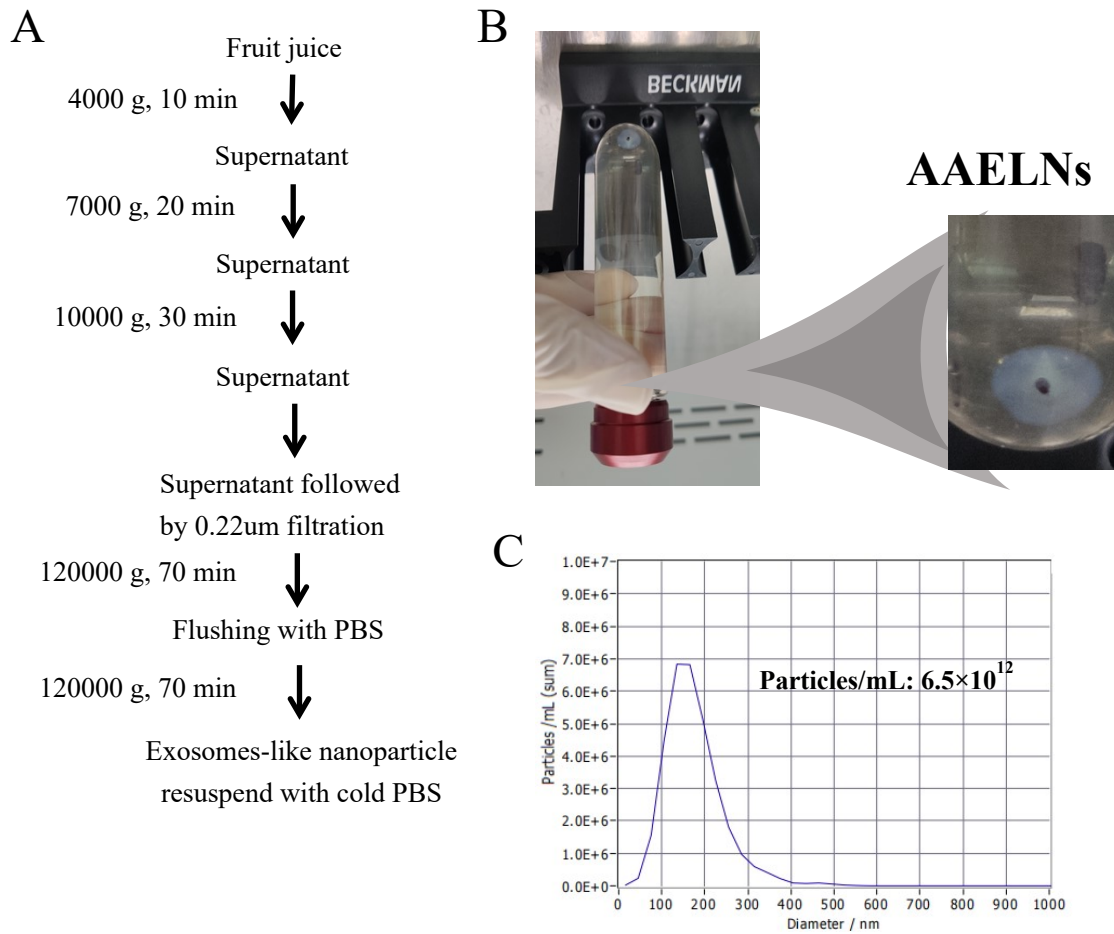
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Table S1 A part known miRNAs of AAELNs

miRBase precursor id	Total read count	Sequence (5'–3')	Length	Family
ade-miRNA-319g-pre	460	uuggacugaaggagcuccu	21	miRNA-319
ade-miRNA-396j-pre	395	uuccacagcuuucuugaacu	21	miRNA-396
ade-miRNA-166e-pre	136	ucggaccaggcucauucucc	21	miRNA-166
ade-miRNA-164c-pre	5	uggagaagcagggcagugca	21	miRNA-164
ade-miRNA-395a-pre	4	cugaaguguuuggggaacuc	21	miRNA-395
ade-miRNA-168d-pre	50	cccgccuugcaucaacugaau	21	miRNA-168
ade-miRNA-530d-pre	6	ugcauuugcaccugcaccua	21	miRNA-530
ade-miRNA-535c-pre	12	ugacaacgagagagcacgc	21	miRNA-535
ade-miRNA-159b-pre	162	uuuggauugaaggagcucu	20	miRNA-159
ade-miRNA-162a-pre	100	uugccaagcccacccaugccua	21	miRNA-162
ade-miRNA-403c-pre	67	uuagauucacgcacaacucug	22	miRNA-403
ade-miRNA-398a-pre	8	ggagugacacuagaacacaug	22	miRNA-398

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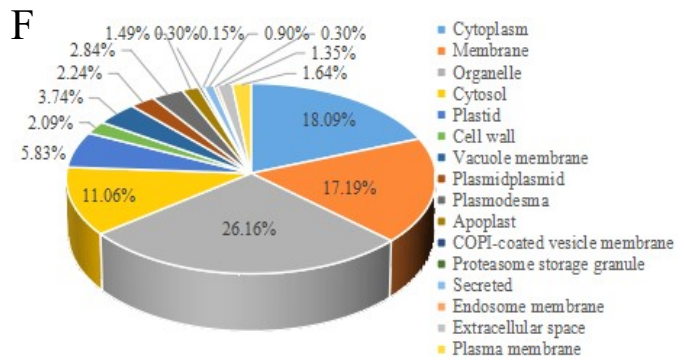
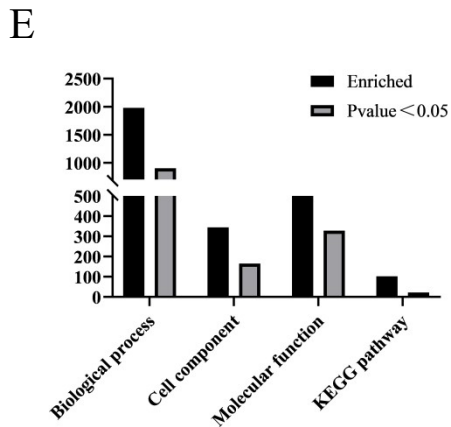
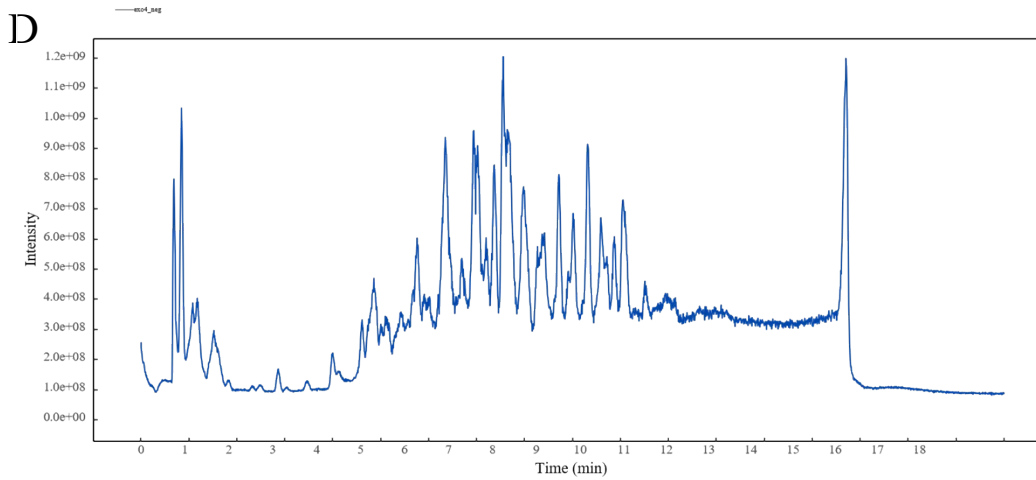
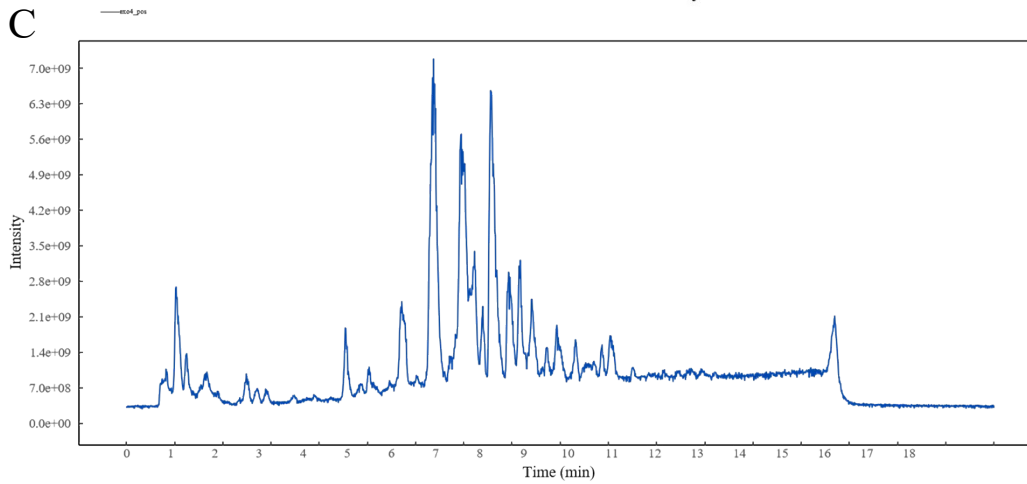
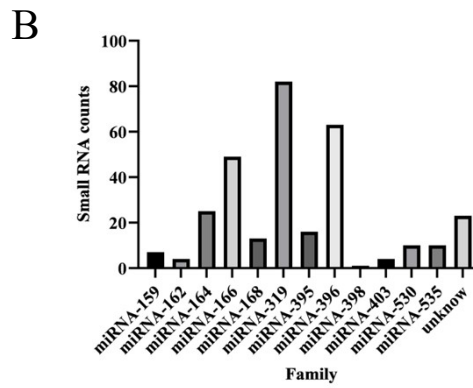
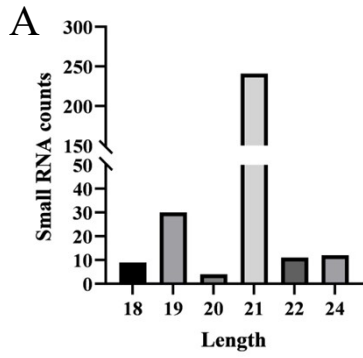
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568 Fig. S1 (A) Flowchart of AAELNs extraction. (B) AAELNs are precipitated at the
 569 bottom of the centrifuge tube after ultrahigh speed centrifugation. (C) Particles number
 570 of AAELNs.

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573 Fig. S2 (A) Expression of small RNA length distribution, (B) The distribution of small
574 RNA families expressed. (C) Total ionization current chromatograms of AAELNs in
575 positive ion mode and (D) negative ion mode. (E) BP/CC/MF/KEGG pathway protein
576 enrichment statistics, (F) Subcellular localization of AAELNs-proteins.
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