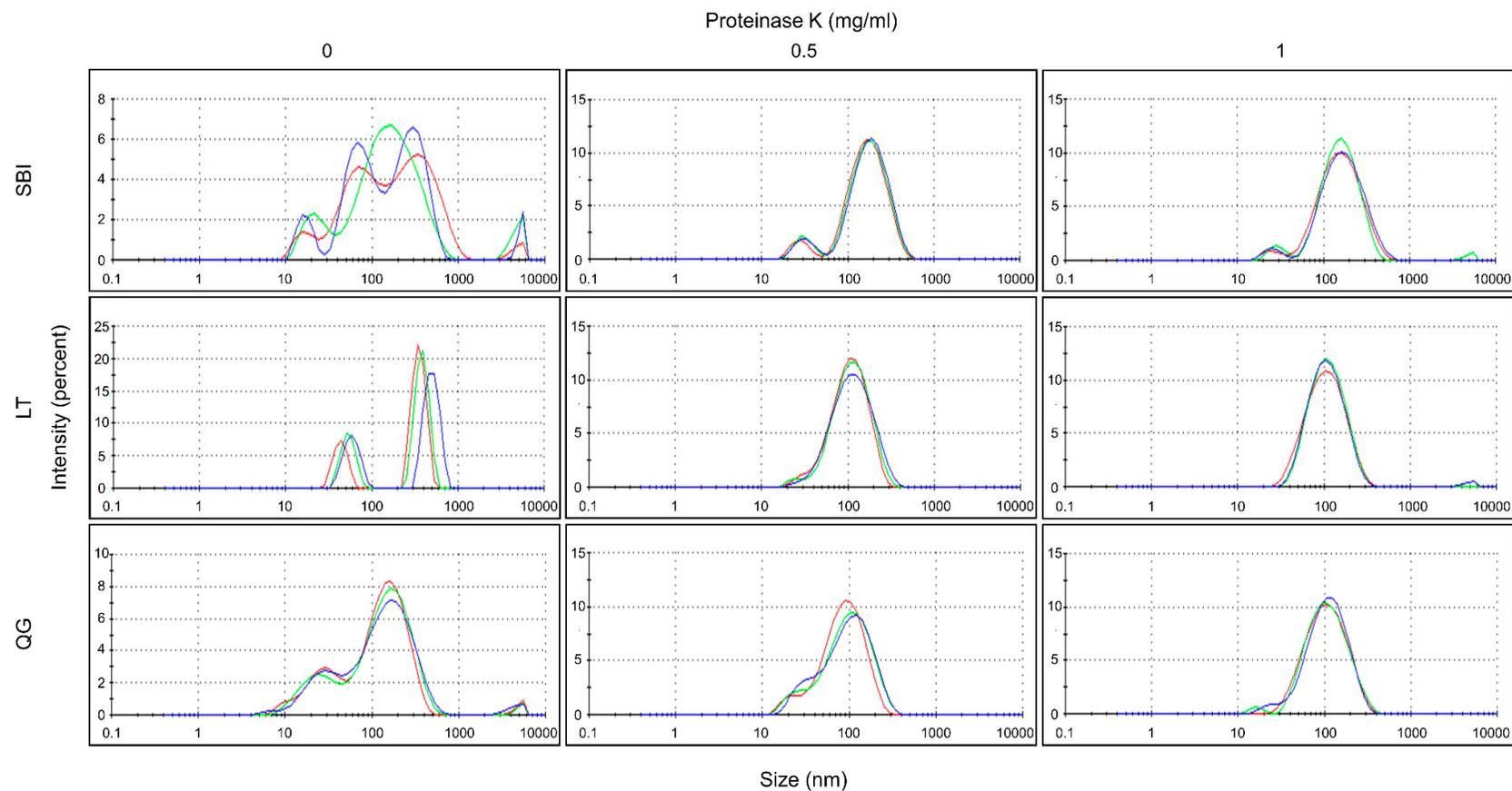


## Supplementary Materials



**Supplementary Figure S1.** Size distribution analysis using the Dynamic Light Scattering (DLS). Using the QG kit, size of isolated ELVs with or without proteinase K (PK) treatment was measured by DLS analysis. Without PK treatment, multiple peaks of intensity were observed, however, PK treatment prior to precipitation increased the homogeneity of the size of vesicles in all 3 kits.

**Supplementary Table S1.** Demographic information and clinical diagnosis of volunteers who provided plasma samples for miRNA analyses.

<b>Sample</b>	<b>Age</b>	<b>Gender</b>	<b>Level of Education (years)</b>	<b>Diagnosis</b>	<b>Amyloid PET</b>
NL1	58	F	12	Normal cognitive function	Negative
NL2	68	F	12	Normal cognitive function	Negative
NL3	67	F	0.5	Normal cognitive function	Negative
AD1	85	F	6	Alzheimer's dementia	Positive
AD2	76	F	9	Alzheimer's dementia	Positive
AD3	85	F	0.5	Alzheimer's dementia	Positive