

## A Number of unique peptides

	Exosome/EV Fraction		Soluble Fraction	
	IR	RAS	IR	RAS
CD63	6	6	0	0
CD9	7	7	0	0
CD81	5	5	0	0
CDC42	20	20	0	0

**Supplementary Figure 3: Exosome/EV proteomic markers and size distribution analysis.** A) Table of exosome and EV-specific markers identified in exosome and soluble fractions of fibroblasts by mass spectrometry. Multiple peptides from defining exosome/EV markers were identified in the exosome fractions of RAS and IR-induced senescence experiments but none were detected in the soluble fractions. IR = x-ray irradiation, RAS = RAS oncogene overexpression.

