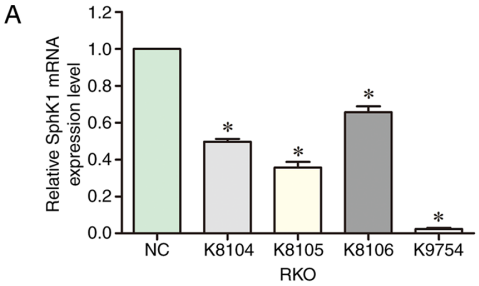
Figure S1. (A) Interference effect of lentiviruses. *P<0.05 vs. NC. (B) Concentrations of the isolated exosomes were shown in nanoparticle tracking analysis. NC, negative control; SphK1, sphingosine kinase 1.

A



B

ZETAVIEW® LASER SCATTERING VIDEO MICROSCOPE
PARTICLEMETRIX
www.particle-metrix.de

Electrophoresis & Brownian Motion
Video Analysis
Laser Scattering Microscopy

Video Operator: ZetaUser

Operator (Report): ZetaUser

Sample Parameters
Sample Name: Con-RKO-Exo
Comment:
Sample Remarks0:
Sample Remarks1:
Sample Remarks2:
Electrolyte:
Temperature: 30.83 °C sensed
pH 7.0 entered

Instrument Parameters
Laser Wavelength: 520 nm
Filter Wavelength: Scatter

SOP: EV_520
Size Distribution 1 Cycle 11 Positions, 1 Removed for Analysis

Result (sizes in nm)

	Number	Concentration	Volume
Median (X50)	136.3	136.3	202.0
Span	54.6	54.6	115.0

Concentration: 1.4E+8 Particles / mL
Dilution Factor: 250
Original Concentration: 3.5E+10 Particles / mL

Quality
Average Counted Particles per Frame: 287
Number of Traced Particles: 1844

Analysis Parameters
Max Area: 1000, Min Area: 10, Min Brightness: 30

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Electrophoresis & Brownian Motion
Video Analysis
Laser Scattering Microscopy

Video Operator: ZetaUser

Operator (Report): ZetaUser

Sample Parameters
Sample Name:NC-RKO-Exo
Comment:
Sample Remarks0:
Sample Remarks1:
Sample Remarks2:
Electrolyte:
Temperature: 30.87 °C sensed
pH 7.0 entered

Instrument Parameters
Laser Wavelength: 520 nm
Filter Wavelength: Scatter

SOP: EV_520
Size Distribution 1 Cycle 11 Positions, 1 Removed for Analysis

Result (sizes in nm)

	Number	Concentration	Volume
Median (X50)	143.2	143.3	207.3
Span	56.3	56.3	89.1

Concentration: 1.4E+8 Particles / mL
Dilution Factor: 500
Original Concentration: 7.0E+10 Particles / mL

Quality
Average Counted Particles per Frame: 288
Number of Traced Particles: 1895

Analysis Parameters
Max Area: 1000, Min Area: 10, Min Brightness: 30

ZETAVIEW® LASER SCATTERING VIDEO MICROSCOPE
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Electrophoresis & Brownian Motion
Video Analysis
Laser Scattering Microscopy

Video Operator: ZetaUser

Operator (Report): ZetaUser

Sample Parameters
Sample Name: SphK1(-)-RKO-Exo
Comment:
Sample Remarks0:
Sample Remarks1:
Sample Remarks2:
Electrolyte:
Temperature: 28.57 °C sensed
pH 7.0 entered

Instrument Parameters
Laser Wavelength: 520 nm
Filter Wavelength: Scatter

SOP: EV_520
Size Distribution 1 Cycle 11 Positions, 3 Removed for Analysis

Result (sizes in nm)

	Number	Concentration	Volume
Median (X50)	145.2	145.2	232.9
Span	65.6	65.6	157.0

Concentration: 1.2E+8 Particles / mL
Dilution Factor: 1000
Original Concentration: 1.2E+11 Particles / mL

Quality
Average Counted Particles per Frame: 245
Number of Traced Particles: 1370

Analysis Parameters
Max Area: 1000, Min Area: 10, Min Brightness: 30