Human immunodeficiency virus (HIV) infection and use of illicit substances promote secretion of semen exosomes that enhance monocyte adhesion, induce actin reorganization and chemotactic migration

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Supplemental Figure 1. Bioanalyzer electropherograms of microarray samples for quality assessment: (A-E) Representative electropherogram traces for 600 ng of RNA isolated from collagen-cultured monocytes that were treated with Vehicle (A), HIV-Drug- SE (B), HIV-Drug+ SE (C), HIV+Drug- SE (D), and HIV+Drug+ SE (E). The RNAs were applied to an RNA Nano Chip. RNA integrity and size were detected and analyzed on the Agilent 2100 Bioanalyzer with 2100 Bioanalyzer expert software (v B.02.08.S1648 (SR 1)). The "gel-like" images next to the electropherograms are digital images obtained from the Bioanalyzer extracted from conversion of electropherogram fluorescence traces using the Bioanalyzer software. Both electropherogram traces and "gel-like" images are the same sample from one representative experiment sample ran in parallel with other two samples (n=3 per group).