

Table S2 Physical characteristics of OMVs isolated from *E. coli* SCAO22

Treatment	Antibiotic concentration (µg/mL)	Mean size distribution ^a (nm)	Concentration ^b (Particles/mL)	Copies of <i>bla</i> _{CTX-M-55} (copies/µL)	Transfer frequency (CFU/mL)
No treatment	-	79.42	2.26±0.78x10 ¹⁰	208	4.17±2.13x10 ⁻⁶
AML treatment	128	60.14	8.89±0.36x10 ¹¹	1196	4.26±2.47x10 ⁻⁶
ENR treatment	4	64.18	5.66±1.2x10 ¹²	30615	6.8±2.14x10 ⁻⁵

a: The average of the three experiments

b: The volume of the medium used for OMV extraction was 400 mL