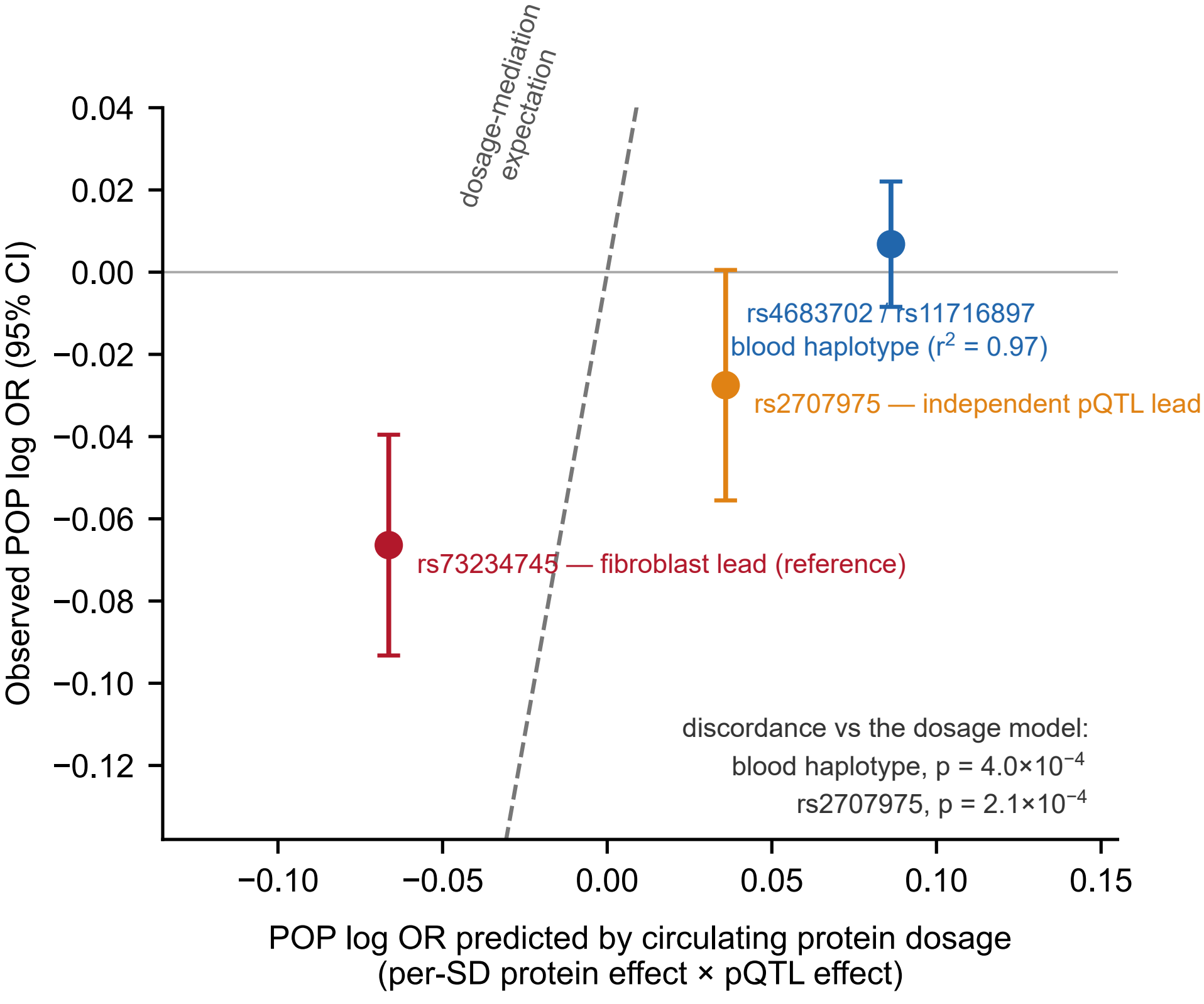

dosage-mediation expectation
rs4683702 / rs11716897 blood haplotype (r^2 = 0.97)
rs2707975 — independent pQTL lead
rs73234745 — fibroblast lead (reference)
discordance vs the dosage model:
blood haplotype, p = 4.0×10^{-4}
rs2707975, p = 2.1×10^{-4}
Observed POP log OR (95% CI)
POP log OR predicted by circulating protein dosage
(per-SD protein effect × pQTL effect)
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
−0.12
−0.10
−0.05
0.00
0.05
0.10
0.15