Supplemental Figure 1. Complementation of lasIrhlI for (a) swarming on 0.5% agar and (b) flow-cell biofilms grown with succinate. For both the swarm plates and flow cell biofilms, 5 µM butyryl-homoserine lactone and 3-oxo-dodecanoyl homoserine lactone was added to complement the mutant strain.
Supplemental Figure 2. Swarm diameter versus agar percentage for wild-type, lasR rhlR, fliM, pilA, and rhlAB strains with 12 mM (a) glutamate, (b) glucose, or (c) succinate as the sole carbon source in FAB medium.
Supplemental Figure 3. Swarm plate motility assays for wild-type, *P. aeruginosa* PA14 and PA14-*rhlA* strains on 0.5% agar with 12 mM glutamate or succinate in FAB medium.