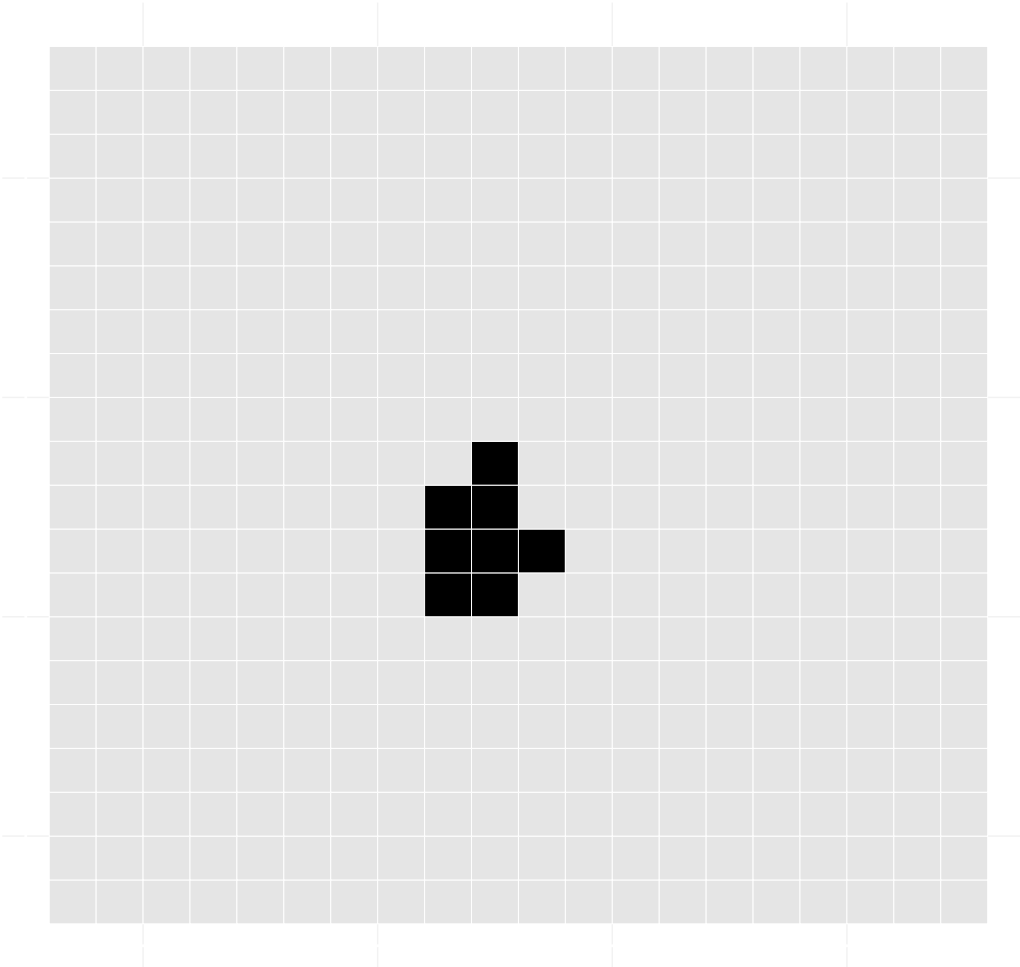# bacterial movement