Microarray experiments used in the alignment of b3506-b3517 region:
(experiment number corresponds to the slide number on the aligned image)

(1) \textit{E.coli} MG1655 (here and thereafter CGSC6300) grown on NC-based minimal medium with 10mM NH4Cl and either 0.2\% glycerol (green) or 0.4\% glucose (red).
(2) \textit{E.coli} MG1655 grown in either LB medium with added 5mM glutamine (green) or in NC-based minimal medium with 5mM glutamine (red);
(3) \textit{E.coli} MG1655 grown on NC-based minimal medium with 0.4\% glucose and either 10mM NH4Cl (green) or 5mM glutamine (red);
(4) \textit{E.coli} MG1655 grown on NC-based minimal medium with 0.2\% glycerol and either 10mM NH4Cl (green) or 5mM glutamine (red);
(5) \textit{E.coli} MG1655 grown on NC-based minimal medium with either 0.2\% glycerol and 5mM glutamine (green) or 0.4\% glucose and 10mM NH4Cl (red);
(6), \textit{E.coli} MG1655 \textit{glnG} grown on NC-based minimal medium with 0.4\% glucose and either 5mM glutamine (red) or 10mM NH4Cl (green);
(7), \textit{E.coli} MG1655 \textit{glnG} grown on NC-based minimal medium with 0.4\% glucose and 10mM NH4Cl (green); \textit{E.coli} MG1655 \textit{glnL(Up)} grown on NC-based minimal medium with 0.4\% glucose and 10mM NH4Cl (red);
(8) \textit{E.coli} MG1655 \textit{glnG} grown on NC-based minimal medium with 0.4\% glucose and 10mM NH4Cl (green); \textit{E.coli} MG1655 \textit{glnL(Up)} grown on NC-based minimal medium with 0.4\% glucose and 10mM NH4Cl (red);
(9) \textit{E.coli} MG1655 \textit{glnG} grown on NC-based minimal medium with 0.4\% glucose and 5mM glutamine (green); \textit{E.coli} MG1655 \textit{glnL(Up)} grown on NC-based minimal medium with 0.4\% glucose and 5mM glutamine (red);
(10) \textit{E.coli} MG1655 \textit{glnL(Up) nac} grown on NC-based minimal medium with 0.4\% glucose and 10mM NH4Cl (green); \textit{E.coli} MG1655 \textit{glnL(Up)} grown on NC-based minimal medium with 0.4\% glucose and 10mM NH4Cl (red);
(11) \textit{E.coli} MG1655 \textit{glnG} grown on NC-based minimal medium with 0.4\% glucose and 10mM NH4Cl (green); \textit{E.coli} MG1655 \textit{glnL(Up) nac} grown on NC-based minimal medium with 0.4\% glucose and 10mM NH4Cl (red);
(12) \textit{E.coli} MG1655 \textit{glnG} grown on NC-based minimal medium with 0.4\% glucose and 5mM glutamine (green); \textit{E.coli} MG1655 \textit{glnL(Up)} grown on NC-based minimal medium with 0.4\% glucose and 5mM glutamine (red).