



Fig. 2 Comparison of precipit: CG43S3-Z01. (**A**) The strains subjected to centrifugation a collective analysis of both ass



s derived from *K. pneumoniae* night in LB broth at 37° C and *g*) for 3 min. According to lentified, in which the group I

includes: AZ18, RZ01, AAh01, AR01, AAhR01, and the group II includes: Z01, AhZ01, AhR01. Bacterial mucoidy was assessed by string formation test after the bacteria grown on LB plates for 48 h. Symbols: -, negative; +, positive; ++, strong. (**B**) Effect of the complementation of AhR01 with either an intact *kvhA* or *kvhR*. The precipitation speed of the strains was also shown. AhR01 [pA415] indicated that AhR01 complementation with an intact *kvhA*. AhR01 [pRC01] indicated that AhR01 complementation with an intact *kvhR*.



Fig. 3. EMSA of the specific DNA binding activity of KvgA, KvnA, and KvnK. DNA fragments of the P_{kvgA} , P_{kvhA} , and P_{kvhR} were labeled with $[\gamma - {}^{32}P]$ ATP and used as probes. The recombinant KvgAt, KvhA, and KvhRt were added individually to the binding assay mixture. The amounts of protein used are indicated on each lane (lanes 1 to 3). Specific competition was performed by adding unlabelled DNA fragments into the mixture (lane 4). The DNA and protein complexes formed are indicated as C and the free probes are indicated as F.