



Corrigendum: Novel Cesium Resistance Mechanism of Alkaliphilic Bacterium Isolated From Jumping Spider Ground Extract

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A Corrigendum on

Novel Cesium Resistance Mechanism of Alkaliphilic Bacterium Isolated From Jumping Spider Ground Extract

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In the original article, there was a mistake in **Figure 7** as published. **Figure 7** corresponds to **Figure 8**. The correct **Figure 7** and **Figure 8** and their legends have been posted, and the relevant part of the text has been revised. The corrected **Figure 7** and **Figure 8** and their legends appear below.

In the original article, there was an error. A correction has therefore been made to the Results, sections **Cs⁺ resistance growth test of *E. coli* KNabc/pBAD-00475**. The corresponding figures are correctly associated in the text:

Cs⁺ Resistance Growth Test of *E. coli* KNabc/pBAD-00475

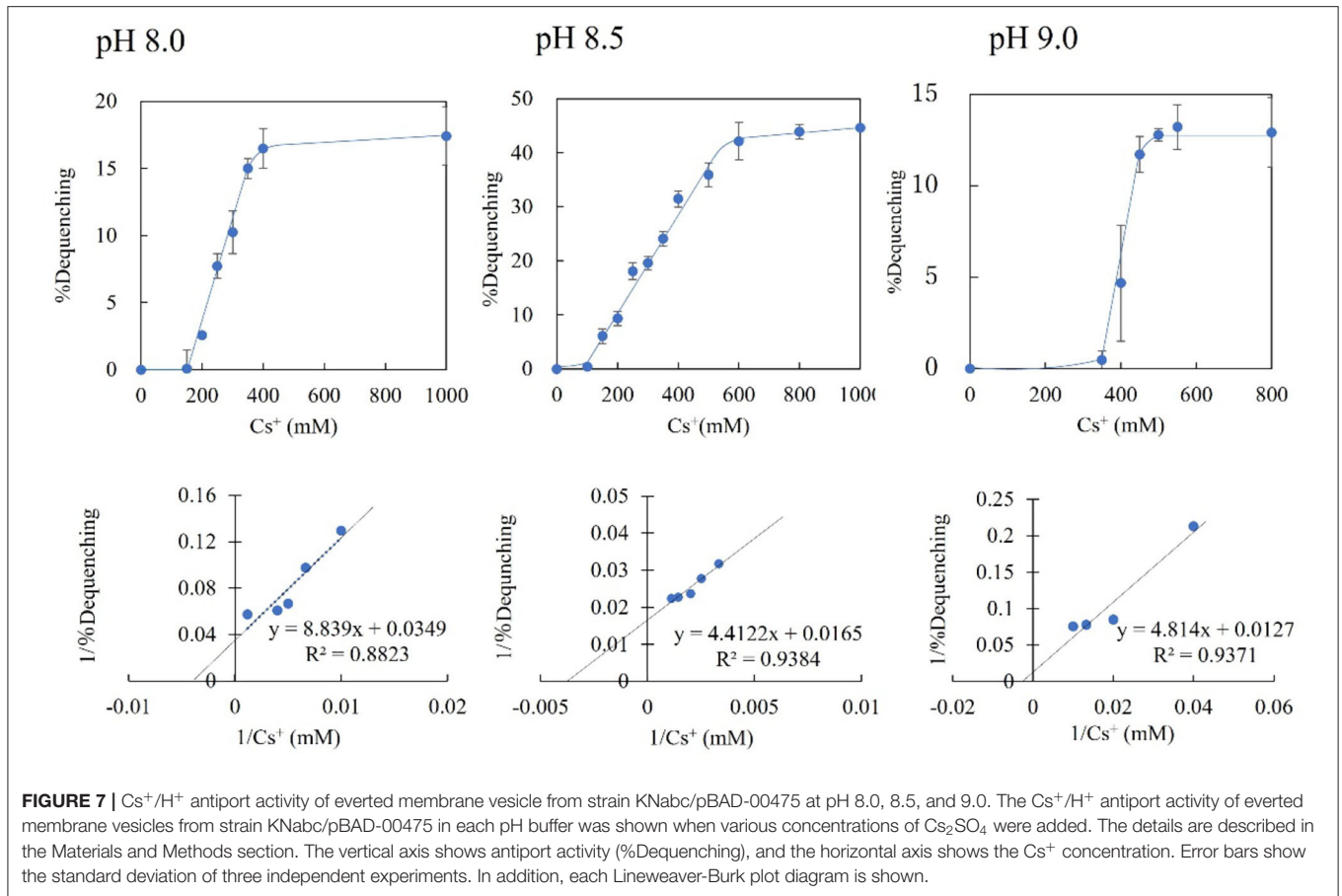
To confirm whether the Cs⁺ resistance of *E. coli* KNabc expressing MST1_00475 was improved, a Cs⁺ resistance growth test was conducted. **Figure 8** shows the results of OD₆₀₀ after independently culturing *E. coli* KNabc expressing MST1_00475 in a medium with different CsCl concentrations for 16 h. KNabc/pBAD-00475 and KNabc/pBAD24 (negative control) showed no growth in the presence of 100 mM CsCl. The expression of MTS1_00475 confirmed no improvement in Cs⁺ resistance. This result may be related to the low affinity of MTS1_00475 Cs⁺/H⁺ antiport activity.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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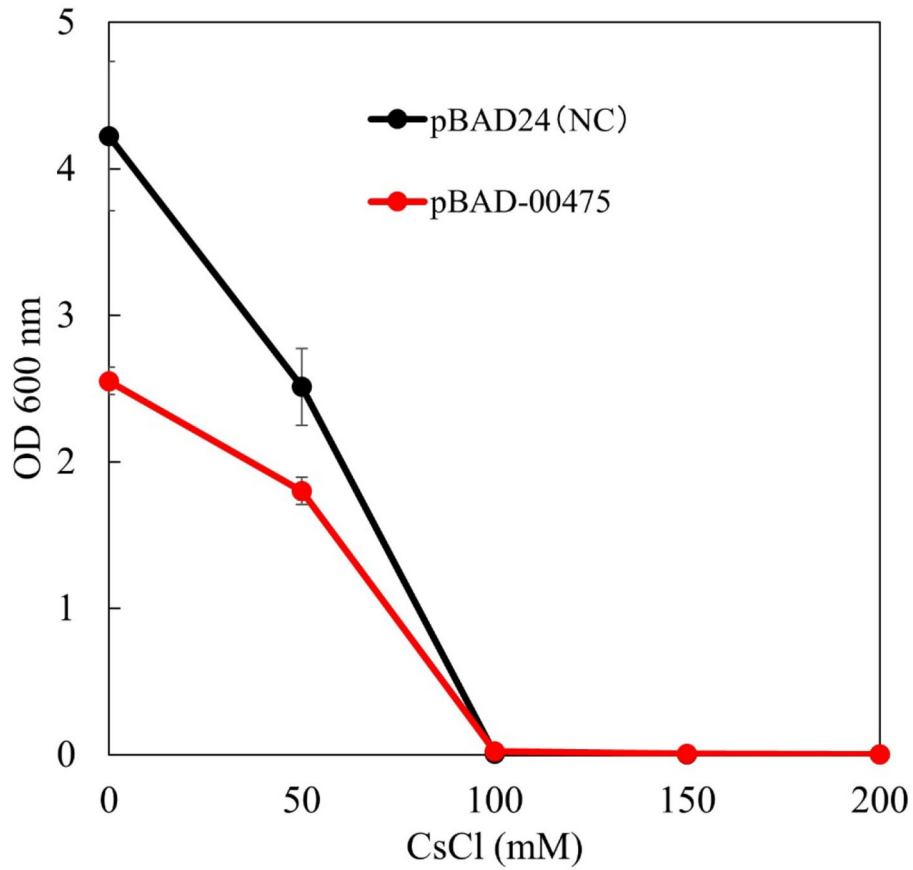


FIGURE 8 | Test to evaluate the Cs^+ resistance growth of strain KNabc/pBAD-00475. The turbidity of each concentration of CsCl when strain KNabc/pBAD-00475 in LBK medium was cultured for 16 h. Error bars show the standard deviation of three independent experiments. As the negative control, KNabc/pBAD24 was used.