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(71) Applicant: AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH [SG/SG]; 1 Fusionopolis Way, #20-10 Connexis North Tower, Singapore 138632 (SG).

(72) Inventors: TAY, Pei Kun, Richie; c/o Bioprocessing Technology Institute, 20 Biopolis Way, #06-01 Centros, Singapore 138668 (SG). OW, Siak Wei, Dave; c/o Bioprocessing Technology Institute, 20 Biopolis Way, #06-01 Centros, Singapore 138668 (SG).

(74) Agent: DAVIES COLLISON CAVE ASIA PTE. LTD.; 10 Collyer Quay, #07-01, Ocean Financial Centre, Singapore 049315 (SG).

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(54) Title: FUSION PROTEIN FOR BACTERIAL SURFACE DISPLAY

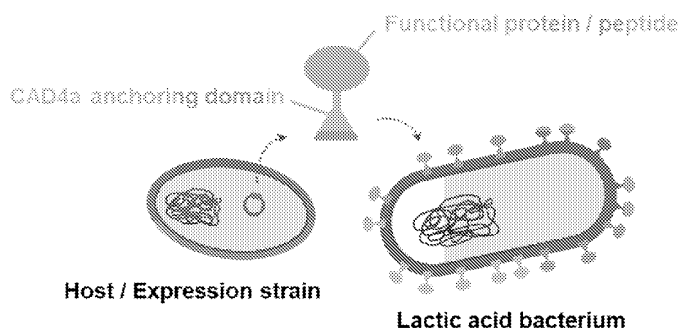


Figure 1

(57) Abstract: The invention relates generally to the field of molecular biology and microbiology. Provided herein is an expression construct encoding a fusion protein. In one embodiment, there is provided an expression construct encoding a fusion protein, the expression construct comprising a nucleic acid encoding a first polypeptide for expression and a second polypeptide derived from the cell wall targeting region of a *Lactobacillus plantarum* Lys2 autolysin, wherein the first and second polypeptides are joined to form a fusion protein. In a specific embodiment, the second polypeptide comprises the CAD4a domain, which is a truncated domain containing only R1-R3 of the five-repeat SH3_5 domain of the Lys2 autolysin. Provided herein is also a fusion protein and the use of a fusion protein as defined herein.

[Continued on next page]

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