Article

A cost-effective immobilization method of MBP-fusion proteins on microtiter plates using a gelatinized starch-agarose mixture and its application for convenient protein–protein interaction analysis

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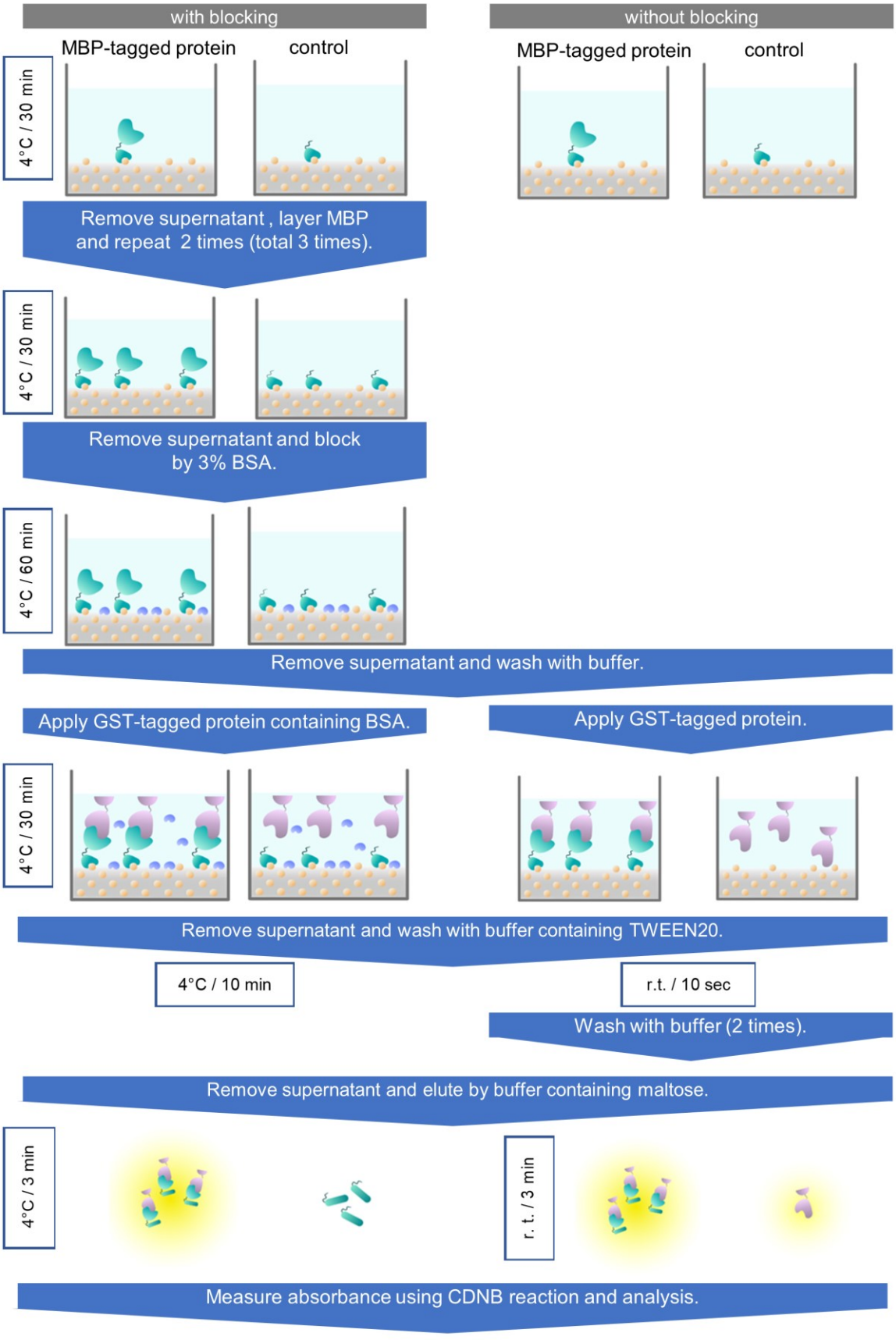
Supplementary materials

Supplementary Figure S1



Supplementary Figure S1. Comparison of a GSA-based protein–protein interaction assay using MBP- and GST-fusion proteins with and without the BSA blocking step. (left) Overview of the standard GSA-based protein–protein interaction assay with the BSA blocking step. (right) Overview of the modified GSA-based protein–protein interaction assay without the BSA blocking step. In this protocol, the GST-tagged protein is applied without BSA and then washed twice by buffer. We examined these process at room temperature, however, the difference of operating temperature seemed trivial. Without BSA-blocking, the background from control well seems to be higher than the original protocol.