Supporting Information

Development of nanobody-displayed whole-cell biosensors for the colorimetric detection of SARS-CoV-2

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Table S1. Information of nanobodies[1]

Nanobody	Specificity	Virus neutralization
Nb-33	Spike protein	No
Nb-45	Spike protein	Yes*
Nb-46	Spike protein	No

*Nb-45 has a low virus neutralization rate and does not interfere with the binding between nanobody and virus.

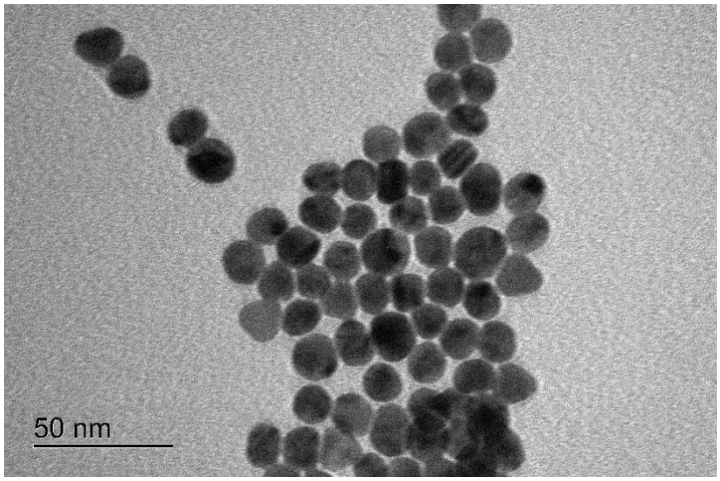

Figure S1. TEM image of AuNPs

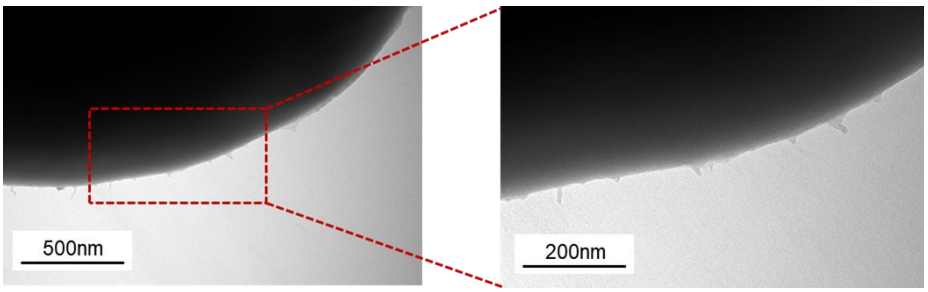

Figure S2. TEM image of nanobody-displayed yeast

Reference:

1. Pavan, MF; Bok, M; Malito, JP; Marcoppido, GA; Franco, DR; Schammas, JM; Baumeister, E; Auguste, J; Stone, WB;Yuan, L; Wigdorovitz, A; Parrreño, V; Ibañez, LI. Llama-Derived Nanobodies Binding the Spike Protein of Novel Coronavirus Sars-Cov-2 With Neutralizing Activity. PCT Application No. PCT/US21/64662. P4952PC00. INTA-CONICET-Virgina Tech. December, 21st, 2021.