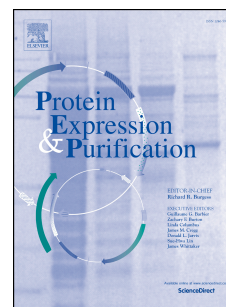


Accepted Manuscript

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PII: S1046-5928(18)30297-3

DOI: [10.1016/j.pep.2018.06.005](https://doi.org/10.1016/j.pep.2018.06.005)

Reference: YPREP 5283

To appear in: *Protein Expression and Purification*

Received Date: 4 June 2018

Accepted Date: 8 June 2018

Please cite this article as: J.-G. Vermeulen, F. Burt, E. van Heerden, E. Cason, M. Meiring, Evaluation of *in vitro* refolding vs cold shock expression: Production of a low yielding single chain variable fragment, *Protein Expression and Purification* (2018), doi: 10.1016/j.pep.2018.06.005.

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Evaluation of *in vitro* refolding vs cold shock expression: Production of a low yielding single chain variable fragment.

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Abbreviations used

Codon Adaptation Index (CAI), Dimethyl sulfoxide (DMSO), E.coli Codon Usage Analyzer (ECUA), *Escherichia coli* (*E.coli*), Guanidinium-HCl (GdnHCl), Heavy chain variable domains (V_H) Immobilised Metal Affinity Chromatography (IMAC), Isopropyl β -D-1-thiogalactopyranoside (IPTG), Light chain variable domains (V_L), Medical Research Council (MRC), Oxidized glutathione (GSSG), Prothrombin Time (PT), Reduced glutathione (GSH), Single chain variable fragment (scFv), Tissue factor (TF), Tissue Factor Inhibitor scFv (TFI-scFv), Tris Buffered Saline (TBS)

Acknowledgements

I would like to thank the Department of Haematology and Cell Biology, Division of Virology of the Faculty of Health Sciences as well as the Department of Microbial, Biochemical and Food Biotechnology, Faculty of Agricultural Sciences at the University of the Free State as well as those involved in the research for their assistance throughout the project.

Formatting of funding sources

This work was funded by the National Research Foundation (NRF) of South Africa.

Competing interests

Conflicts of interest: none

Author contributions

Dr. Jan-G Vermeulen: Principle researcher and main author.

Dr. Errol Cason: Experimental design and manuscript editing.

Prof SM Meiring: Study leader, - Experimental design and manuscript editing.

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