MALARIA RESEARCH & REFERENCE REAGENT RESOURCE

SGPP Malaria protein expression vectors now available at MR4

We are pleased to announce that *Plasmodium spp*. His-tagged bacterial expression plasmid vectors developed as part of the Structural Genomics of Pathogenic Protozoa (SGPP) consortium are now available at MR4. Wim Hol at the University of Washington has deposited a panel of over 1000 unique malaria protein bacterial expression vectors, which have been collectively accessioned as **MRA-836**. Most of the vectors in the panel encode *P. falciparum* proteins, along with some *P. berghei*, *P. vivax* and *P. knowlesi* proteins. Please note that not all of these vectors will produce soluble protein, and not all have been sequence or restriction profile verified.

MR4 distributes only individual plasmids from this panel through specific plasmid request; we cannot supply the whole panel. To order a specific plasmid, please specify the Set Number, Well and SGPPaaID, database number (PlasmoDB, GeneDB or Genbank no.) protein name and/or description from the list of available constructs on your order form. To search for plasmids of interest, you may download or view the entire MRA-836 SGPP panel spreadsheet (4.1 Mb), including the full insertion and epitope tag sequences, putative protein homology and source database accession information HERE. Additional details on the expression plasmids can be found in the MR4 reagent information page for **MRA-836**.

Please remember that only MR4 registered investigators may request MR4 reagents, and that **as a condition of receipt, both MR4 and the depositor must be cited on any research, publication or presentation arising from use of these reagents**.

To reference the depositor and for in depth details on this panel of bacterial expression vectors, consult:

Mehlin, C., Boni, E. E., Buckner, F. S., Engel, L., Feist, T., Gelb, M. H., Haji, L., Kim, D., Liu, C., Mueller, N., Myler, P., Reddy, J. T., Sampson, J., Subramanian, E., Van Voorhis, W. C., Worthey, E. A., Zucker, F. & Hol, W. G. J. (2006) Heterologous Expression of Proteins from *Plasmodium falciparum*: Results from 1000 genes. Mol. Biochem. Parasitol. Aug;148(2):144-60.

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The Malaria Research and Reference Reagent Resource center (MR4)
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