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| --- |
| *Plasmodium vivax* Merozoite Surface Protein-1 peptide 314 |
| **Score** | **E-value** | **Identity** | **Positivity** | Gaps |
| 58.2 (117) | 2e-09 | 15/15 (100%) |  Consult 1 ETKCDELDLLFNVQN 15*Pv*MSP-1 880 ETKCDELDLLFNVQN 895 | 0/15 (0%) |
| **Organism** | **Number of Hits** | Alignment |
| *Plasmodium vivax* | 139 | 100% |
| *Plasmodium vivax* North Korean | 2 | 100% |
| *Plasmodium vivax* Indian VII | 1 | 100% |
| *Plasmodium vivax* Brazil | 1 | 100% |
| *Plasmodium vivax* Merozoite Surface Protein-1 peptide 70 |
| **Score** | **E-value** | **Identity** | **Positivity** | Gaps |
| 52.8 (117) | 2e-06 | 15/15(100%) | Consult 1 KIPEHLKISDKELDM 15*Pv*MSP-1 148 KIPEHLKISDKELDM 162 | 0/15 (0%) |
| **Organism** | **Number of Hits** | Alignment |
| *Plasmodium vivax* | 143 | 100% |
| *Plasmodium cynomolgi* | 12 | 100% |
| *Plasmodium coatneyi* | 3 | 100% |

**Supplemental Table 1.**

**Similarity between Plasmodium spp. MSP-1 sequences and peptides p314 and p70**