**Supplementary Table 5:** Percentage of *P. falciparum* protein features with mass spectrometry evidence for expression during each of the various parasite lifecycle stages.

| Parasite Stage | Percent of *P. falciparum* proteins targeted by 277 selected Ab immune responses, Day 28 (p-value) | Percent of *P. falciparum* proteins targeted by 10 selected Ab immune responses, Day 42 (p-value) | Percent of 1,087 *P. falciparum* proteins on microarrays |
|----------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Liver          | 14.9 (0.13)                                                                                     | 10.0 (0.63)                                                                                     | 12.8                                                                                          |
| Sporozoites    | 43.5 (0.03)                                                                                     | 30.0 (0.42)                                                                                     | 38.6                                                                                          |
| Merozoites     | 26.1 (0.41)                                                                                     | 30.0 (0.53)                                                                                     | 26.8                                                                                          |
| Trophozoites   | 31.2 (0.48)                                                                                     | 60.0 (0.05)                                                                                     | 30.8                                                                                          |
| Gametocytes    | 37.7 (0.16)                                                                                     | 30.0 (0.51)                                                                                     | 35.1                                                                                          |