**Table 1.** Correlation analyses of O.D. (in black) and R.I.C.P. (in red) of specific antibody values against rNcGRA7, rNcSAG4, rNcBSR4 and rNcSRS9 with anti-IgG1 and IgG2a values and *in vivo* parameters measured in both the non-pregnant and pregnant mouse models. Globally similar significant variations were observed with both groups.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | **Specific antibodies** | **Days** | **IgG1** | | **IgG2a** | | **Dams morbidity** | | **Parasite presence in dams** | | **Neonatal morbidity** | | **Neonatal mortality** | | **Vertical transmission** | |
| R2a | P b | R2 a | P b | ρc | P b | ρ c | P b | ρ c | P b | ρ c | P b | ρ c | P b |
| **Non-pregnantd**  **(Pereira García-Melo et al. 2010)** | rNcGRA7 | 8 p.i. | 0.3170.347 | 0.038 0.023 | 0.739 0.728 | <0.001 <0.001 | - | - | - | - | - | - | - | - | - | - |
| 16 p.i. | 0.442 0.437 | 0.003 0.003 | 0.495 0.492 | 0.001 0.001 | - | - | - | - | - | - | - | - | - | - |
| 32 p.i. | 0.650 0.658 | <0.001 <0.001 | 0.557 0.534 | <0.001 <0.001 | - | - | - | - | - | - | - | - | - | - |
| 64 p.i. | 0.706 0.696 | <0.001 <0.001 | 0.618 0.635 | <0.001 <0.001 | - | - | - | - | - | - | - | - | - | - |
| **Pregnant**  **(Regidor-Cerrillo et al. 2010)** | rNcGRA7 | 30 p.p. | 0.896  0.885 | <0.001 <0.001 | 0.904 0.886 | <0.001 <0.001 | 0.748  0.769 | 0.008  0.006 | N.C. N.C. | - | 0.815 0.852 | 0.002  0.001 | 0.752  0.825 | 0.008  0.002 | 0.609  0.655 | 0.047  0.029 |
| rNcSAG4 | 30 p.p. | N.C. 0.214 | - 0.011 | 0.222 0.286 | 0.008 0.001 | 0.832  0.853 | 0.001  0.001 | 0.679  0.661 | 0.022  0.027 | 0.688  0.875 | 0.019  <0.001 | 0.733  0.893 | 0.01 <0.001 | 0.764  0.709 | 0.006  0.015 |
| rNcBSR4 | 30 p.p. | N.C. N.C. | - - | 0.160 0.211 | 0.061 0.012 | 0.695  0.853 | 0.018  0.001 | 0.62  N.C. | 0.042  - | 0.679  0.765 | 0.022  0.006 | 0.724  0.756 | 0.012  0.007 | 0.600  0.636 | 0.051  0.035 |
| rNcSRS9 | 30 p.p. | N.C. 0.211 | - 0.012 | 0.174 0.264 | 0.039 0.002 | 0.642  0.705 | 0.033  0.015 | N.C.  N.C. | - | N.C.  0.688 | -  0.019 | 0.638  0.743 | 0.035  0.009 | 0.673  0.627 | 0.023  0.039 |

a R2 of Pearson. b P-value (two-tailed). c Spearman rho coefficient. d Morbidity and mortality rates were not recorded and correlation analyses were not performed. N.C.: no correlation