

Supplementary Table S1. Parasitic species present as singles, pairs, and combinations of three in ruminants of district Faisalabad

| Parasitic Infection | Positive out of 172 | Prevalence |
|---|----------------------------|-------------------|
| <i>Eimeria</i> oocyst | 26 | 15.12 |
| <i>Trichuris</i> | 24 | 13.95 |
| <i>Haemonchus</i> | 22 | 12.79 |
| <i>Ostertagia</i> | 20 | 11.63 |
| <i>Toxocara</i> | 9 | 5.23 |
| <i>Strongyloides</i> | 6 | 3.49 |
| <i>Trichostrongylus</i> | 5 | 2.91 |
| Hydatid cysts + <i>Trichuris</i> | 7 | 4.07 |
| Hydatid cysts + <i>Eimeria</i> oocyst | 5 | 2.91 |
| <i>Paramphistomum</i> + <i>Ostertagia</i> | 4 | 2.33 |
| <i>Eimeria</i> oocyst + <i>Trichostrongylus</i> | 3 | 1.74 |
| Hydatid cysts + <i>Ostertagia</i> | 4 | 2.33 |
| <i>Fasciola</i> + <i>Haemonchus</i> | 2 | 1.16 |
| Hydatid cysts + <i>Trichostrongylus</i> | 3 | 1.74 |
| Hydatid cysts + <i>Haemonchus</i> | 3 | 1.74 |
| <i>Paramphistomum</i> + <i>Trichuris</i> | 3 | 1.74 |
| <i>Haemonchus</i> + <i>Trichuris</i> | 2 | 1.16 |
| <i>Paramphistomum</i> + <i>Toxocara</i> | 1 | 0.58 |
| <i>Fasciola</i> + <i>Toxocara</i> | 1 | 0.58 |
| <i>Paramphistomum</i> + <i>Haemonchus</i> | 1 | 0.58 |
| Hydatid cysts + <i>Toxocara</i> | 1 | 0.58 |
| Hydatid cysts + <i>Strongyloides</i> | 1 | 0.58 |
| <i>Fasciola</i> + <i>Ostertagia</i> | 1 | 0.58 |
| <i>Paramphistomum</i> + <i>Eimeria</i> oocyst | 1 | 0.58 |
| <i>Strongyloides</i> + <i>Toxocara</i> | 1 | 0.58 |
| <i>Paramphistomum</i> + <i>Strongyloides</i> | 1 | 0.58 |
| <i>Fasciola</i> + <i>Trichostrongylus</i> | 1 | 0.58 |
| Hydatid cysts + <i>Haemonchus</i> + <i>Strongyloides</i> | 2 | 1.16 |
| <i>Haemonchus</i> + <i>Eimeria</i> oocyst + <i>Trichostrongylus</i> | 2 | 1.16 |
| <i>Paramphistomum</i> + <i>Eimeria</i> oocyst + <i>Toxocara</i> | 1 | 0.58 |
| <i>Haemonchus</i> + <i>Eimeria</i> oocyst + <i>Trichuris</i> | 1 | 0.58 |
| <i>Paramphistomum</i> + Hydatid cysts + <i>Ostertagia</i> | 1 | 0.58 |
| <i>Fasciola</i> + <i>Haemonchus</i> + <i>Strongyloides</i> | 1 | 0.58 |
| <i>Paramphistomum</i> + Hydatid cysts + <i>Haemonchus</i> | 1 | 0.58 |
| Hydatid cysts + <i>Ostertagia</i> + <i>Eimeria</i> oocyst | 1 | 0.58 |
| Hydatid cysts + <i>Haemonchus</i> + <i>Eimeria</i> oocyst | 1 | 0.58 |
| Hydatid cysts + <i>Eimeria</i> oocyst + <i>Trichuris</i> | 1 | 0.58 |
| Hydatid cysts + <i>Haemonchus</i> + <i>Trichostrongylus</i> | 1 | 0.58 |
| <i>Paramphistomum</i> + <i>Haemonchus</i> + <i>Eimeria</i> oocyst | 1 | 0.58 |