**SI 1.** Zoonotic pathogens that can be transmitted by invasive vertebrate species and their mode of transmission, adapted from (de Wit et al. 2017).

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| IAS zoonotic pathogen reservoir | Disease (Mode of transmission) | Reference |
| Rodent (*Mus* spp., *Rattus* spp.) | * Leptospirosis (Direct contact with contaminated water) | (Desvars et al. 2011) |
| * Rat lungworm (Indirect through intermediate snail host) | (Lu et al. 2018) |
| * Plague (Infected flea bite) | (Andrianaivoarimanana et al. 2013) |
| * Hantavirus pulmonary syndrome (Direct contact with contaminated urine or feces) | (Kim et al. 2014) |
| Cat (*Felis catus*) | * Toxoplasmosis (Direct contact with contaminated water or soil, or through contaminated meat) | (Dubey 1998) |
| * Giardiasis (Direct contact with contaminated water) | (Thompson 2000) |
| * Cat scratch disease (Direct contact with cat or flea bite) | (Maruyama et al. 2003) |
| Dog (*Canis familiaris*) | * Leptospirosis (Direct contact with contaminated water) | (Desvars et al. 2011) |
| * Rabies (Dog bite) | (Hampson et al. 2009) |
| * Toxocariasis (Direct contact with contaminated soil) | (Dalimi et al. 2006) |
| * Giardiasis (Direct contact with contaminated water) | (Thompson 2000) |
| * Echinococcosis or hydatid cyst disease (Consumption of contaminated meat and viscera) | (Torgerson and Budke 2003) |
| Pig (*Sus scrofa*) | * Taeniasis (Consumption of contaminated meat or vegetables) | (Garcia et al. 2003) |
| * Trichinellosis (Consumption of contaminated meat) | (Pozio 2014) |
| Macaque (*Macaca* spp.) | * Herpesvirus-B (Direct contact) | (Engel et al. 2002) |
| Raccoon (*Procyon lotor*) | * Baylisascaris procyonis (Direct contact with contaminated soil) | (Sorvillo et al. 2002) |

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