

Annex S2 Pathogens targeted by included surveillance systems and research studies and the relative frequency with whom they are targeted.

Target pathogen	n. of studies
<i>Salmonella</i> spp	20
<i>Yersinia enterocolitica</i>	11
<i>Campylobacter</i> spp	5
<i>Escherichia coli</i> spp.	9
Rickettsia SFG	9
<i>Rickettsia slovaca</i>	1
<i>Borrelia burgdorferi</i> s.l.	6
<i>Brucella suis</i>	16
<i>Anaplasma phagocytophylum</i>	12
<i>Leptospira</i> spp.	12
<i>Staphylococcus aureus</i>	3
My. Tuberculosis complex	10
MOTT	2
<i>Ehrlichia</i> spp	6
<i>Listeria monocytogenes</i>	5
<i>Clostridium perfringens</i>	2
<i>Corynebacterium pseudotuberculosis</i>	1
<i>Coxiella burnettii</i>	6
<i>Francisella tularensis</i>	5
<i>Bartonella</i> spp.	1
Aerobic colonies	2
Enterobacteriaceae	3
<i>Mycoplasma</i> spp.	2
<i>Mycoplasma conjunctivae</i>	2
<i>Pasteurella</i> spp.	1
<i>Erysipelothrix rhusiopathiae</i>	1
Staphylococcus positive coagulase	1
Solphite-reducing clostridia	1
<i>Treponema</i> spp.	1
<i>Chlamidia</i> spp.	3
<i>Dermatophilus congolensis</i>	2
Cilia-associated Bacillus	1
Lactic bacteria	1
Canine Distemper Virus	5
Porcine Circovirus	9
Torque Teno Suis Virus	1
Hepatitis E Virus	24
Hare Calicivirus	1
Mammalian Orthoreovirus	2
Avian Influenza	2
West Nile virus/ USUTU Virus	9

Orf Virus	1
Japanese Encephalitis Virus	1
Bluetongue Virus	1
Epiteliotrophic Virus	1
Schmallenberg Virus	1
Aujesky Virus	12
Canine Adenovirus	2
Rabies Virus	2
Porcine Respiratory Reproductive Syndrome Virus (PRRS)	1
Suid Herpesvirus	2
Porcine Parvovirus	2
Swine Vesicular Virus	2
Classical Swine Fever Virus	3
African Swine Fever Virus	2
Bovine Herpesvirus	1
Bovine Pestivirus	2
Bovine Parainfluenza 3 Virus	1
Bovine Respiratory Syncytial Virus	1
Canine/Feline Parvovirus	2
Canine Circovirus	1
Aleutian Mink Disease Parvovirus	1
Porcine Pestivirus	1
Avipoxvirus	1
Ljungan Virus	1
Chronic Wasting disease	1
Ticks/flea	9
<i>Lipoptena</i> spp.	5
<i>Angiostrongylus vasorum</i>	6
Coccidia	6
<i>Giardia</i> spp	7
<i>Cryptosporidium</i> spp	5
<i>Baylisascaris procionis</i>	1
Gastrointestinal nematodes	25
<i>Leishmania</i> spp.	6
<i>Babesia</i> spp.	10
<i>Encephalitozoon</i> spp.	1
<i>Hepatozoon</i> spp	3
<i>Echinococcus</i> spp.	6
<i>Blastocystis</i> spp	1
<i>Contracoecum rudolphii</i>	2
<i>Toxoplasma gondii</i>	26
<i>Trichinella</i> spp	15
Theileria	2
<i>Neospora caninum</i>	6
<i>Sarcocystis</i> spp.	3
Pulmonary nematodes	11

<i>Sarcoptes scabiei</i>	3
<i>Demodex</i> spp.	1
<i>Fasciola hepatica</i> /Fascioloides/Dicrocoelium	4
<i>Alaria alata</i>	6
<i>Trombicula autumnalis</i>	1
<i>Onchocerca jakutensis</i>	1
<i>Eucoleus garfiai</i>	1
Fungi dermatophyti	1
Urinary nematods	2
<i>Candida</i> spp.	1
<i>Capillaria hepatica</i>	1
Haemoproteus/plasmodium	1
<i>Leucocytozoon</i>	1
Ochratoxin A	4
Cesium 137	2
Cadmium	3
Lead	3
Chromium	1
PCB	2
Organochlorine	3
Organophosphorus	1
PFA/PBDE	1
<i>Escherichia coli</i>	2
<i>Escherichia coli</i> Beta lactamasi producing	1
<i>Escherichia coli</i> Colistin resistant	2
<i>Salmonella</i>	4
<i>Yersinia enterocolitica</i>	2
<i>Listeria monocytogenes</i>	1
Meticillin resistant <i>Staphylococcus aureus</i>	1