

Table 1 Sample information

Samples	Origin	Groups	Time
A2G	Migratory birds NO. 2 (<i>Larus ridibundus</i>), liver (visceral organs)	B	2018.8.23
A2F	Migratory birds NO. 2 (<i>Larus ridibundus</i>), lung (visceral organs)	B	2018.8.23
A3C	Migratory birds NO. 3 (<i>Pluvialis squatarola</i>), intestinal tracts	C	2018.8.23
A3F	Migratory birds NO. 3 (<i>Pluvialis squatarola</i>), lung (visceral organs)	B	2018.8.23
A5G	Migratory birds NO. 5 (<i>pochard</i>), liver (visceral organs)	B	2018.8.23
A5F	Migratory birds NO. 5 (<i>pochard</i>), lung (visceral organs)	B	2018.8.23
A5C	Migratory birds NO. 5 (<i>pochard</i>), intestinal tracts	C	2018.8.23
A8G	Migratory birds NO. 8 (<i>Tadorna ferruginea</i>), liver (visceral organs)	B	2018.8.23
A8F	Migratory birds NO. 8 (<i>Tadorna ferruginea</i>), lung (visceral organs)	B	2018.8.23
A8C	Migratory birds NO. 8 (<i>Tadorna ferruginea</i>), intestinal tracts	C	2018.8.23
A11G	Migratory birds NO. 11 (<i>Anas zonorhyncha</i>), liver (visceral organs)	B	2018.8.23
A11F	Migratory birds NO. 11 (<i>Anas zonorhyncha</i>), lung (visceral organs)	B	2018.8.23
A11C	Migratory birds NO. 11 (<i>Anas zonorhyncha</i>), intestinal tracts	C	2018.8.23
A12C	Migratory birds NO. 12 (<i>pochard</i>), intestinal tracts	C	2018.8.30
A13G	Migratory birds NO. 13 (<i>Aix galericulata</i>), liver (visceral organs)	B	2018.8.30
A13F	Migratory birds NO. 13 (<i>Aix galericulata</i>), lung (visceral organs)	B	2018.8.30
A13Y	Migratory birds NO. 13 (<i>Aix galericulata</i>), Pancreas (visceral organs)	B	2018.8.30
A13C	Migratory birds NO. 13 (<i>Aix galericulata</i>), intestinal tracts	C	2018.8.30
A14G	Migratory birds NO. 14 (<i>Tadorna ferruginea</i>), liver (visceral organs)	B	2018.8.30
A14C	Migratory birds NO. 14 (<i>Tadorna ferruginea</i>), intestinal tracts	C	2018.8.30
A18C	Migratory birds NO. 18 (<i>Tadorna ferruginea</i>), intestinal tracts	C	2018.8.30
A19C	Migratory birds NO. 19 (<i>Tadorna ferruginea</i>), intestinal tracts	C	2018.8.30
H1C	Beihekou, Dali Lake, aquatic plant	H	2018.8.30
H2C	Nanhekou, Dali Lake, aquatic plant	H	2018.8.30
H3C	Ganggen lake, aquatic plant	H	2018.8.30
H1S	Beihekou, water	S	2018.8.30
H2S	Nanhekou, water	S	2018.8.30
H3S	Ganggen Lake, water	S	2018.8.30
RS1.1	<i>Larus ridibundus</i> , feces	RS1.1	2019.7
RS1.2	<i>Larus ridibundus</i> , feces	RS1.2	2019.7
RS1.3	<i>Larus ridibundus</i> , feces	RS1.3	2019.7
RS2.1	Beihekou, water	RS2.1	2019.7

RS2.2	water	RS2.2	2019.7
RS2.3	Ganggen Lake, water	RS2.3	2019.7
RS2.4	Nanhekou, water	RS2.4	2019.7
RS3.1	Nanhekou, aquatic plant	RS3.1	2019.7