

Location		Collection date	Common name	Scientific name	Swab type	BRT-PCR assay			BRT-PCR Interpretation ^a	Virus isolation ^b	Virus strain name	INSDC accession number	
Bird Island, South Georgia		14/12/2023	Antarctic fur seal	<i>Arctophagus gazella</i>	Faecal	-	-	-	Negative	N/P	N/P	N/A	
			Antarctic fur seal	<i>Arctophagus gazella</i>	Faecal	-	-	-	Negative	N/P	N/P	N/A	
			Antarctic fur seal	<i>Arctophagus gazella</i>	Faecal	-	-	-	Negative	N/P	N/P	N/A	
Freshwater Bay, Bird Island, South Georgia			Antarctic fur seal	<i>Arctophagus gazella</i>	Faecal	-	-	-	Negative	N/P	N/P	N/A	
					Faecal	-	-	-	Negative	N/P	N/P	N/A	
					Brain	-	-	-	Negative	N/P	N/P	N/A	
Salisbury Plain, South Georgia	17/01/2024	Southern elephant seal	<i>Mirounga leonina</i>	Chloacal	-	-	-	Negative	N/P	N/P	N/A		
				Brain	-	-	-	Negative	N/P	N/P	N/A		
				OP	-	-	-	Negative	N/P	N/P	N/A		
				Brain	24.89	22.87	25.29	HSN1 IHPAIV	POSITIVE	A/Fur Seal/Salisbury Plain/004762/2024	GCA_977016575		
		Antarctic fur seal	<i>Arctophagus gazella</i>	Chloacal	-	-	-	Negative	N/P	N/P	N/A		
				Nasal	38.48	38.56	37.68	Negative	N/P	N/P	N/A		
				OP	-	-	-	Negative	N/P	N/P	N/A		
		Antarctic fur seal	<i>Arctophagus gazella</i>	Chloacal	-	-	-	Negative	N/P	N/P	N/A		
				Brain	20.52	18.65	20.06	HSN1 IHPAIV	Negative	A/Fur Seal/Salisbury Plain/004763/2024	GCA_977016235		
				OP	-	-	-	Negative	N/P	N/P	N/A		
Cape Alexander, South Georgia		Antarctic fur seal	<i>Arctophagus gazella</i>	Brain	23.47	21.38	22.57	HSN1 IHPAIV	N/P	A/Fur Seal/Salisbury Plain/004764/2024	GCA_977016215		
				Chloacal	-	-	-	Negative	N/P	N/P	N/A		
				Brain	-	-	-	Negative	N/P	N/P	N/A		
				OP	-	-	-	Negative	N/P	N/P	N/A		
		Antarctic fur seal	<i>Arctophagus gazella</i>	Brain	26.12	23.61	26.26	HSN1 IHPAIV	N/P	A/Fur Seal/Salisbury Plain/004765/2024	GCA_977016115		
				OP	-	-	-	Negative	N/P	N/P	N/A		
				Brain	31.97	30.02	32.32	HSN1 IHPAIV	N/P	N/P	N/A		
				Brain	25.5	24.04	25.75	HSN1 IHPAIV	N/P	A/Fur Seal/Bird Island/004767/2024	GCA_977016485		
		Antarctic fur seal	<i>Arctophagus gazella</i>	Environment	-	-	-	38.98	Negative	N/P	N/P	N/A	
				Nasal	-	-	-	-	Negative	N/P	N/P	N/A	
Bird Island, South Georgia		Antarctic fur seal	<i>Arctophagus gazella</i>	OP	-	-	-	Negative	N/P	N/P	N/A		
				Brain	30.37	28.94	31.66	HSN1 IHPAIV	POSITIVE	A/Fur Seal/Bird Island/004768/2024	N/A		
				Environment	-	-	-	-	Negative	N/P	N/A		
				Nasal	-	-	-	-	Negative	N/P	N/A		
				OP	36.91	-	37.29	Negative	N/P	N/P	N/A		
				Brain	-	-	39.9	Negative	N/P	N/P	N/A		
		Antarctic fur seal	<i>Arctophagus gazella</i>	Environment	-	-	-	-	Negative	N/P	N/A		
				Nasal	-	-	-	-	Negative	N/P	N/A		
		18/01/2024	Antarctic fur seal	<i>Arctophagus gazella</i>	Brain	33.46	31.81	33.88	HSN1 IHPAIV	N/P	N/P	N/A	
					Brain	17.66	16.84	18.09	HSN1 IHPAIV	POSITIVE	A/Fur Seal/Bird Island/004777/2024	GCA_977016125	
			Chloacal	35.97	37.19	38.59	Negative	N/P	N/P	N/A			
			Nasal	-	-	-	Negative	N/P	N/P	N/A			
			OP	-	37.45	38.61	Negative	N/P	N/P	N/A			
Antarctic fur seal	<i>Arctophagus gazella</i>		Brain	26.48	26.36	27.24	HSN1 IHPAIV	Negative	A/Fur Seal/Bird Island/004774/2024	GCA_977016585			
			Environment	36.24	34.3	35.78	HSN1 IHPAIV	N/P	N/P	N/A			
			Nasal	-	-	38.81	Negative	N/P	N/P	N/A			
Antarctic fur seal	<i>Arctophagus gazella</i>		OP	31.4	29.9	31.77	HSN1 IHPAIV	N/P	A/Fur Seal/Bird Island/004892/2024	GCA_977016545			
			Recall	-	-	-	-	Negative	N/P	N/A			
	Antarctic fur seal	<i>Arctophagus gazella</i>	OP	32.48	30.16	33.17	HSN1 IHPAIV	Negative	N/P	N/A			
			Recall	-	-	-	-	Negative	N/P	N/A			
	Antarctic fur seal	<i>Arctophagus gazella</i>	OP	33.46	-	35.58	HSN1	N/P	N/P	N/A			
			OP	-	-	39.16	Negative	N/P	N/P	N/A			
	Antarctic fur seal	<i>Arctophagus gazella</i>	Recall	33.59	29.89	31.37	HSN1 IHPAIV	Negative	A/Fur Seal/Cape Alexander/004864/2024	GCA_977016375			
			OP	32.63	30.78	32.94	HSN1 IHPAIV	N/P	N/P	N/A			
	Antarctic fur seal	<i>Arctophagus gazella</i>	Brain	32.79	28.52	32.46	HSN1 IHPAIV	POSITIVE	A/Fur Seal/Holmstrand/004776/2024	GCA_977016425			
			Nasal	-	-	-	38.7	Negative	N/P	N/A			
			OP	-	-	-	-	Negative	N/P	N/A			
	Holmstrand, South Georgia	20/01/2024	Antarctic fur seal	<i>Arctophagus gazella</i>	Brain	33.39	32.97	34.96	HSN1 IHPAIV	N/P	N/P	N/A	
				Nasal	29.23	28.08	30.16	HSN1 IHPAIV	Negative	A/Fur Seal/Holmstrand/004868/2024	GCA_977016175		
				OP	32.62	30.3	32.46	Negative	N/P	N/P	N/A		
				Brain	-	-	-	Negative	N/P	N/P	N/A		
Antarctic fur seal			<i>Arctophagus gazella</i>	Chloacal	-	-	-	Negative	N/P	N/P	N/A		
				Nasal	-	-	-	Negative	N/P	N/P	N/A		
				OP	-	-	-	Negative	N/P	N/P	N/A		
Antarctic fur seal			<i>Arctophagus gazella</i>	Brain	36.93	38.79	38.81	Negative	N/P	N/P	N/A		
				Nasal	-	-	-	Negative	N/P	N/P	N/A		
				OP	-	-	38.42	Negative	N/P	N/P	N/A		
Wilson Harbour, South Georgia	22/01/2024	Antarctic fur seal	<i>Arctophagus gazella</i>	Brain	22.39	19.02	20.47	HSN1 IHPAIV	POSITIVE	A/Fur Seal/Wilson Harbour/004780/2024	GCA_977016295		
				Environment	-	-	-	-	Negative	N/P	N/A		
				Nasal	-	-	38.44	Negative	N/P	N/P	N/A		
				Brain	-	-	-	Negative	N/P	N/P	N/A		
		Antarctic fur seal	<i>Arctophagus gazella</i>	Chloacal	-	-	39.06	Negative	N/P	N/P	N/A		
				Nasal	-	-	-	Negative	N/P	N/P	N/A		
				OP	-	-	-	Negative	N/P	N/P	N/A		
		Antarctic fur seal	<i>Arctophagus gazella</i>	Brain	22.84	21.5	22.77	HSN1 IHPAIV	POSITIVE	A/Fur Seal/Miles Bay/004783/2024	GCA_977016495		
				Brain	29.77	26.96	29.47	HSN1 IHPAIV	Negative	A/Fur Seal/Miles Bay/004784/2024	GCA_977016355		
				Brain	26.03	24.47	26.82	HSN1 IHPAIV	Negative	A/Fur Seal/Miles Bay/004785/2024	GCA_977016675		
Wilson Harbour, South Georgia		Antarctic fur seal	<i>Arctophagus gazella</i>	Brain	30.17	29.99	31.77	HSN1 IHPAIV	Negative	A/elephant Seal/Wilson Harbour/004781/2024	GCA_977016365		
				Chloacal	-	-	35.57	HSN1 IHPAIV	N/P	N/P	N/A		
				Nasal	-	-	-	Negative	N/P	N/P	N/A		
				Brain	-	-	-	Negative	N/P	N/P	N/A		
				OP	-	-	-	Negative	N/P	N/P	N/A		
		Southern elephant seal	<i>Mirounga leonina</i>	Brain	34.95	33.95	35.35	HSN1 IHPAIV	N/P	N/P	N/A		
				OP	35.22	-	34.62	HSN1	N/P	N/P	N/A		
				Recall	-	-	-	Negative	N/P	N/P	N/A		
		Antarctic fur seal	<i>Arctophagus gazella</i>	Brain	28.82	26.91	28.68	HSN1 IHPAIV	N/P	N/P	N/A		
				Nasal	34.53	33.67	35.3	HSN1 IHPAIV	N/P	N/P	N/A		
Mollyhawk Island, South Georgia	27/01/2024	Antarctic fur seal	<i>Arctophagus gazella</i>	OP	33.25	32.08	34.16	HSN1 IHPAIV	N/P	N/P	N/A		
				Recall	32.62	29.76	30.78	HSN1 IHPAIV	N/P	N/P	N/A		
				Nasal	37.29	-	-	Negative	N/P	N/P	N/A		
				OP	-	-	-	Negative	N/P	N/P	N/A		
		Antarctic fur seal	<i>Arctophagus gazella</i>	Brain	29.93	28.59	29.38	Negative	N/P	N/P	N/A		
				Nasal	-	-	-	Negative	N/P	N/P	N/A		
				OP	-	-	34.22	HSN1	N/P	N/P	N/A		
				Recall	-	-	-	Negative	N/P	N/P	N/A		
		Antarctic fur seal	<i>Arctophagus gazella</i>	Brain	25.61	23.98	28.64	HSN1 IHPAIV	N/P	N/P	N/A		
				Nasal	25.03	25.54	26.11	HSN1 IHPAIV	N/P	N/P	N/A		
			OP	38.99	38.11	39.7	HSN1 IHPAIV	N/P	N/P	N/A			
			Recall	38.06	-	38.63	Negative	N/P	N/P	N/A			
	Antarctic fur seal	<i>Arctophagus gazella</i>	Brain	24.76	22.96	24.35	HSN1 IHPAIV	N/P	N/P	N/A			
			Nasal	-	-	-	Negative	N/P	N/P	N/A			
			OP	-	-	-	Negative	N/P	N/P	N/A			
	Antarctic fur seal	<i>Arctophagus gazella</i>	Brain	27.29	26.91	27.69	Negative	N/P	N/P	N/A			
			Environment	34.59	34.03	35.14	HSN1 IHPAIV	N/P	N/P	N/A			
			Nasal	27.5	27.55	29.63	HSN1 IHPAIV	N/P	N/P	N/A			
			OP	27.62	27.5	29.08	HSN1 IHPAIV	N/P	N/P	N/A			
			Recall	-	-	-	Negative	N/P	N/P	N/A			
			Antarctic fur seal	<i>Arctophagus gazella</i>	Brain	26.07	24.3	24.79	HSN1 IHPAIV	N/P	N/P	N/A	
			Environment	-	-	-	-	Negative	N/P	N/A			
			Nasal	32.53	31.79	32.99	HSN1 IHPAIV	N/P	N/P	N/A			
			OP	33.2	32.06	34.23	HSN1 IHPAIV	N/P	N/P	N/A			
			Recall	-	-	-	Negative	N/P	N/P	N/A			
	Antarctic fur seal	<i>Arctophagus gazella</i>	Brain	27.95	27.16	27.42	HSN1 IHPAIV	N/P	N/P	N/A			
			Environment	-	-	-	Negative	N/P	N/P	N/A			
			Nasal	37.9	-	37.59	Negative	N/P	N/P	N/A			
			OP	-	-	37.59	Negative	N/P	N/P	N/A			
			Brain	33.86	30.92	35.46	HSN1 IHPAIV	N/P	N/P	N/A			
Cooper Bay, South Georgia		Southern elephant seal	<i>Mirounga leonina</i>	Environment	24.85	24.59	25.92	HSN1 IHPAIV	N/P	N/P	N/A		
				Brain	35.41	33.65	34.97	HSN1 IHPAIV	N/P	N/P	N/A		
				Environment	-	-	-	Negative	N/P	N/A	N/A		
				Brain	-	-	37.86	-	Negative	N/P	N/A	N/A	
		Southern elephant seal	<i>Mirounga leonina</i>	Environment	-	-	-	Negative	N/P	N/P	N/A	N/A	
				Nasal	-	-	-	Negative	N/P	N/P	N/A	N/A	
				Brain	36.38	32.91	35.07	HSN1 IHPAIV	N/P	N/P	N/A	N/A	
				Environment	-	-	-	Negative	N/P	N/P	N/A	N/A	
				Brain	25.59	24.78	25.78	HSN1 IHPAIV	N/P	N/P	N/A	N/A	
				Environment	-	-	-	Negative	N/P	N/P	N/A	N/A	
			Antarctic fur seal	<i>Arctophagus gazella</i>	Environment	-	-	-	Negative	N/P	N/P	N/A	N/A
			Nasal	37.81	-	-	Negative	N/P	N/P	N/A	N/A	N/A	
			Brain	38.15	38.88	39.25	Negative	N/P	N/P	N/A	N/A	N/A	
			Environment	-	-	-	Negative	N/P	N/P	N/A	N/A	N/A	
	Southern elephant seal	<i>Mirounga leonina</i>	OP	33.13	31.77	33.02	HSN1 IHPAIV	N/P	N/P	N/A	N/A	N/A	
			Brain	32.67	30.55	31.77	HSN1 IHPAIV	N/P	N/P	N/A	N/A	N/A	
			Southern elephant seal	<i>Mirounga leonina</i>	Brain	38.8	35.58	36.62	HSN1 IHPAIV	N/P	N/P	N/A	N/A
			Environment	-	-	-	Negative	N/P	N/P	N/A	N/A	N/A	
			Brain	38.88	38.82	-	Negative	N/P	N/P	N/A	N/A	N/A	
			Environment	-	-	-	Negative	N/P	N/P	N/A	N/A	N/A	
			Antarctic fur seal	<i>Arctophagus gazella</i>	Recall	22.47	20.84	22.6	HSN1 IHPAIV	N/P	N/P	N/A	N/A
			Environment	-	-	-	Negative	N/P	N/P	N/A	N/A	N/A	
			Nasal	39.28	35.36	-	HSN1 IHPAIV	N/P	N/P	N/A	N/A	N/A	
			OP	35.08	34.22	37.02	HSN1 IHPAIV	N/P	N/P	N/A	N/A	N/A	
			Recall	-	-	-	Negative	N/P	N/P	N/A	N/A	N/A	
	Antarctic fur seal	<i>Arctophagus gazella</i>	Nasal	30.42	28.64	30.78	HSN1 IHPAIV	N/P	N/P	N/A	N/A	N/A	
			Brain	28.78	26.59	29.11	Negative	N/P	N/P	N/A	N/A	N/A	
			Recall	-	-	-	Negative	N/P	N/P	N/A	N/A	N/A	
	Grant Point, South Georgia	02/02/2024	Antarctic fur seal	<i>Arctophagus gazella</i>	Brain	26.49	24.31	25.85	HSN1 IHPAIV	N/P	N/P	N/A	N/A
					Environment	-	-	-	Negative	N/P	N/P	N/A	N/A
				Nasal	35.21	34.74	35.73	HSN1 IHPAIV	N/P	N/P	N/A	N/A	N/A
				OP	33.55	31.94	33.86	HSN1 IHPAIV	N/P	N/P	N/A	N/A	N/A
				Recall	-	-	-	Negative	N/P	N/P	N/A	N/A	N/A
Antarctic fur seal			<i>Arctophagus gazella</i>	Brain	37.45	24.81	26.88	HSN1 IHPAIV	N/P	N/P	N/A	N/A	N/A
				Environment	-	-	-	Negative	N/P	N/P	N/A	N/A	N/A
				Nasal	34.83	33.38	36.18	HSN1 IHPAIV	N/P	N/P	N/A	N/A	N/A
				OP	35.14	35.81	34.48	HSN1 IHPAIV	N/P	N/P	N/A	N/A	N/A