

Supplemental Table S1. Metadata for hares and rabbits used in this study.

Animal number	Date Carcass Collected	Date Sample Collected	Animal Species	Sex	mtSSU PCR	mtLSU PCR	Combined		dhps PCR Results	ITS1-5.8S-ITS2 PCR Results
				(Male=1, Female=2)	Results	Results	PCR Results	Genotypes		
HR20-001	?-Dec-2019	20-Jan-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	—
HR20-002	30-Dec-2019	20-Jan-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	—	+
HR20-003	?-Dec-2019	20-Jan-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	+
HR20-004	28-Dec-2019	22-Jan-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	+
HR20-005	?-Dec-2019	22-Jan-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	—
HR20-006	15-Dec-2019	22-Jan-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	+
HR20-007	29-Dec-2019	23-Jan-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	—	—
HR20-008	10-Dec-2019	23-Jan-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	—	—
HR20-009	20-Dec-2019	23-Jan-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	+
HR20-010	Unknown	24-Jan-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	—	—
HR20-011	16-Dec-2019	24-Jan-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	—
HR20-012	19-Dec-2019	24-Jan-2020	<i>Lepus townsendii</i>	2	—	—	—	n/a	—	—
HR20-013	30-Dec-2019	24-Jan-2020	<i>Lepus townsendii</i>	1	+	+	+	v3	—	+
HR20-014	?-Dec-2019	24-Jan-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	+
HR20-015	Unknown	7-Jan-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	+
HR20-016	11-Dec-2019	27-Jan-2020	<i>Lepus townsendii</i>	2	—	—	—	n/a	—	—
HR20-017	24-Jan-2020	27-Jan-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	+
HR20-018	?-?-2020	27-Jan-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	+	+
HR20-019	21-Jan-2020	28-Jan-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	+
HR20-020	22-Jan-2020	28-Jan-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	+	+
HR20-021	19-Jan-2020	28-Jan-2020	<i>Lepus townsendii</i>	2	—	—	—	n/a	—	—
HR20-022	25-Jan-2020	31-Jan-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	—	—
HR20-023	28-Jan-2020	31-Jan-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	—	—
HR20-024	25-Jan-2020	3-Feb-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	+	+
HR20-025	25-Jan-2020	3-Feb-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	+
HR20-028	28-Jan-2020	4-Feb-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	+	+
HR20-029	3-Feb-2020	12-Feb-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	+	+
HR20-030	30-Jan-2020	12-Feb-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	+
HR20-031	31-Jan-2020	12-Feb-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	—
HR20-032	19-Feb-2020	26-Feb-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	—
HR20-033	21-Feb-2020	26-Feb-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	+
HR20-034	14-Feb-2020	26-Feb-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	+
HR20-036	19-Feb-2020	27-Feb-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	+
HR20-037	29-Feb-2020	4-Mar-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	—	—
HR20-038	4-Mar-2020	4-Mar-2020	<i>Lepus townsendii</i>	1	—	—	—	n/a	—	+
HR20-039	25-Feb-2020	4-Mar-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	+	+
HR20-041	5-Mar-2020	12-Mar-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	—	+
HR20-043	3-Mar-2020	12-Mar-2020	<i>Lepus townsendii</i>	Unknown	+	+	+	v1	+	+
HR20-044	1-Mar-2020	13-Mar-2020	<i>Lepus townsendii</i>	1	—	—	—	n/a	—	+
HR20-045	3-Mar-2020	13-Mar-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	+
HR20-046	11-Mar-2020	17-Mar-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	+
HR20-047	11-Mar-2020	17-Mar-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	+
HR20-048	6-Mar-2020	13-Mar-2020	<i>Lepus townsendii</i>	Unknown	+	—	+	v1	—	—
HR20-049	?-Mar-2020	17-Mar-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	+
HR20-050	9-Mar-2020	19-Mar-2020	<i>Lepus townsendii</i>	2	—	—	—	n/a	—	—
HR20-051	9-Mar-2020	19-Mar-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	—
HR20-052	9-Apr-2020	23-Jun-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	—
HR20-053	7-Apr-2020	23-Jun-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	—
HR20-055	3-Apr-2020	25-Jun-2020	<i>Lepus townsendii</i>	1	+	—	+	v1	—	—
HR20-056	30-Mar-2020	26-Jun-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	—
HR20-057	27-Mar-2020	26-Jun-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	—
HR20-058	Unknown	13-Jul-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	—
HR20-059	30-Mar-2020	13-Jul-2020	<i>Lepus townsendii</i>	1	—	—	—	n/a	—	—
HR20-060	18-Mar-2020	13-Jul-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	+	+
HR20-061	21-Mar-2020	14-Jul-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	—
HR20-062	22-Mar-2020	14-Jul-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	—
HR20-064	Unknown	15-Jul-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	—	—
HR20-065	9-Apr-2020	15-Jul-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	+
HR20-066	Unknown	17-Jul-2020	<i>Lepus townsendii</i>	1	+	—	+	v1	—	+
HR20-067	25-Mar-2020	17-Jul-2020	<i>Lepus townsendii</i>	2	—	—	—	n/a	—	—
HR20-068	12-May-2020	27-Jul-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	+
HR20-069	18-Mar-2020	27-Jul-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	—	+
HR20-070	29-Mar-2020	28-Jul-2020	<i>Lepus townsendii</i>	1	—	—	—	v1	—	+
HR20-071	?-?-2020	28-Jul-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	+
HR20-072	6-Jun-2020	30-Jul-2020	<i>Lepus townsendii</i>	2	+	+	+	v2	+	—
HR20-073	10-Jun-2020	30-Jul-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	+
HR20-074	25-May-2020	30-Jul-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	+
HR20-075	8-Jun-2020	31-Jul-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	—	+

HR20-076	2-May-2020	31-Jul-2020	<i>Lepus townsendii</i>	2	+	-	+	v4	-	+
HR20-077	5-May-2020	4-Aug-2020	<i>Lepus townsendii</i>	1	+	+	+	v2	+	+
HR20-078	23-Apr-2020	4-Aug-2020	<i>Lepus townsendii</i>	1	-	-	-	n/a	-	-
HR20-079	19-May-2020	7-Aug-2020	<i>Lepus townsendii</i>	2	-	-	-	n/a	-	+
HR20-080	7-May-2020	7-Aug-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	-	+
HR20-081	15-Jul-2020	20-Aug-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	-	-
HR20-082	21-Jul-2020	20-Aug-2020	<i>Lepus townsendii</i>	1	-	-	-	n/a	-	-
HR20-083	20-Jul-2020	20-Aug-2020	<i>Lepus townsendii</i>	2	-	-	-	n/a	-	-
HR20-084	14-Jul-2020	21-Aug-2020	<i>Lepus townsendii</i>	2	+	-	+	v5	-	-
HR20-085	26-May-2020	21-Aug-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	-
HR20-086	18-Jun-2020	21-Aug-2020	<i>Lepus townsendii</i>	2	-	-	-	n/a	-	-
HR20-087	25-Jun-2020	31-Aug-2020	<i>Lepus townsendii</i>	2	-	+	+	v1	-	+
HR20-088	17-Jun-2020	1-Sep-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	+
HR20-089	8-Jun-2020	1-Sep-2020	<i>Lepus townsendii</i>	1	+	+	+	v2	-	+
HR20-090	?-?-2020	1-Sep-2020	<i>Lepus townsendii</i>	1	+	+	+	v2	+	+
HR20-091	11-May-2020	3-Sep-2020	<i>Lepus townsendii</i>	1	-	+	+	v1	-	-
HR20-092	11-May-2020	3-Sep-2020	<i>Lepus townsendii</i>	1	-	-	-	n/a	-	+
HR20-093	7-May-2020	3-Sep-2020	<i>Lepus townsendii</i>	2	-	-	-	n/a	-	-
HR20-094	20-Apr-2020	4-Sep-2020	<i>Lepus townsendii</i>	1	-	-	-	n/a	-	-
HR20-095	25-Apr-2020	4-Sep-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	+	+
HR20-096	11-May-2020	8-Sep-2020	<i>Lepus townsendii</i>	2	-	-	-	n/a	-	-
HR20-097	29-Apr-2020	8-Sep-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	-
HR20-098	30-Apr-2020	8-Sep-2020	<i>Lepus townsendii</i>	1	-	-	-	n/a	-	-
HR20-099	27-Apr-2020	11-Sep-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	+
HR20-100	21-May-2020	14-Sep-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	+
HR20-101	8-Jun-2020	14-Sep-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	-	-
HR20-102	21-Jun-2020	14-Sep-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	-	-
HR20-103	10-Jun-2020	15-Sep-2020	<i>Lepus townsendii</i>	1	-	+	+	v1	-	-
HR20-104	30-Jun-2020	15-Sep-2020	<i>Lepus townsendii</i>	1	+	-	+	v1	-	-
HR20-105	4-Jun-2020	17-Sep-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	+
HR20-106	1-Jul-2020	17-Sep-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	+
HR20-107	27-May-2020	17-Sep-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	-	+
HR20-108	22-Apr-2020	18-Sep-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	-
HR20-110	11-Jun-2020	21-Sep-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	-
HR20-113	11-Jun-2020	21-Sep-2020	<i>Lepus townsendii</i>	2	-	-	-	n/a	-	+
HR20-114	8-Jun-2020	21-Sep-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	+
HR20-115	21-Apr-2020	21-Sep-2020	<i>Lepus townsendii</i>	Unknown	+	+	+	v1	-	-
HR20-117	23-Jun-2020	22-Sep-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	-
HR20-118	Unknown	22-Sep-2020	<i>Lepus townsendii</i>	1	+	-	+	v1	-	-
HR20-122	29-Apr-2020	24-Sep-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	-	-
HR20-123	23-Jun-2020	24-Sep-2020	<i>Lepus townsendii</i>	1	+	+	+	v3	-	+
HR20-126	15-May-2020	24-Sep-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	+	+
HR20-127	23-Jun-2020	24-Sep-2020	<i>Lepus townsendii</i>	1	+	+	+	v2	-	-
HR20-128	9-Jul-2020	25-Sep-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	-	-
HR20-129	18-Jun-2020	25-Sep-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	-
HR20-130	9-Jul-2020	25-Sep-2020	<i>Lepus townsendii</i>	2	-	-	-	n/a	-	-
HR20-131	22-Jun-2020	25-Sep-2020	<i>Lepus townsendii</i>	2	-	+	+	v1	-	-
HR20-132	3-Jun-2020	25-Sep-2020	<i>Lepus townsendii</i>	1	-	-	-	n/a	-	-
HR20-133	9-Jul-2020	5-Oct-2020	<i>Lepus townsendii</i>	1	-	-	-	n/a	-	-
HR20-135	6-Jul-2020	5-Oct-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	-
HR20-137	7-Jul-2020	5-Oct-2020	<i>Lepus townsendii</i>	2	-	-	-	n/a	-	-
HR20-140	2-Jul-2020	6-Oct-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	-	+
HR20-142	9-Jul-2020	6-Oct-2020	<i>Lepus townsendii</i>	1	-	-	-	n/a	-	-
HR20-143	23-Apr-2020	6-Oct-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	+	-
HR20-145	23-Apr-2020	8-Oct-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	+
HR20-146	16-Apr-2020	8-Oct-2020	<i>Lepus townsendii</i>	2	+	+	+	v1	-	+
HR20-147	14-Apr-2020	8-Oct-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	-
HR20-148	20-Apr-2020	8-Oct-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	+
HR20-149	21-Apr-2020	8-Oct-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	-
HR20-150	22-Apr-2020	8-Oct-2020	<i>Lepus townsendii</i>	1	+	+	+	v2	-	-
HR20-151	28-Apr-2020	9-Oct-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	-	+
HR20-154	28-Apr-2020	9-Oct-2020	<i>Lepus townsendii</i>	1	+	+	+	v1	+	+
HR20-035	11-Feb-2020	27-Feb-2020	<i>Oryctolagus cuniculus</i>	2	-	-	-	n/a	-	-
HR20-042	4-Mar-2020	12-Mar-2020	<i>Oryctolagus cuniculus</i>	2	+	+	+	v1	-	-
HR20-054	7-Apr-2020	25-Jun-2020	<i>Oryctolagus cuniculus</i>	1	-	-	-	n/a	-	-
HR20-109	11-Jun-2020	21-Sep-2020	<i>Oryctolagus cuniculus</i>	1	-	-	-	n/a	-	-
HR20-134	7-Jul-2020	5-Oct-2020	<i>Oryctolagus cuniculus</i>	2	+	+	+	v2	-	-
HR20-139	7-Jul-2020	6-Oct-2020	<i>Oryctolagus cuniculus</i>	2	-	-	-	n/a	-	-
HR20-152	21-Jul-2020	9-Oct-2020	<i>Oryctolagus cuniculus</i>	2	-	-	-	n/a	-	-
HR20-153	24-May-2020	9-Oct-2020	<i>Oryctolagus cuniculus</i>	1	-	-	-	n/a	-	-

n/a, not applicable; ?, unidentified dates or months; mtSSU, mitochondrial small-subunit rRNA gene; mtLSU, mitochondrial large-subunit rRNA gene; dhps, dihydropteroate synthase; ITS1-5.8s-ITS2, nuclear internal transcribed spacer 1, 5.8S rRNA and internal transcribed spacer 2.