

**S2 Table. Ancient sample summary.** Sample ages, extraction data, species identification, and DLoop haplotype results for all ancient samples described in the study. PCR method indicates the method that generated amplifiable DNA.

Group: Site	Sample ID	Age (YBP)	DNA extraction		PCR and sequencing results		Control region haplotype
			Weight (mg) # and method	PCR method	12S species (12S haplotype, Chinook salmon only)		
Snake R.: 45WT41	3070-B	2450 - 4950	1 73	silica	none		
Snake R.: 45WT41	3151-C1	6650 - 7950	1 24	silica	none		
Snake R.: 45WT41	3419-C1-2Q8	6650 - 7950	1 7	silica	none		
Snake R.: 45WT41	3782-C1-2H6	6650 - 7950	1 37	silica	none		
Snake R.: 45WT41	3785-C1-2O5	6650 - 7950	1 43	silica	none		
Snake R.: 45WT41	3789-C1-2Q2	250 - 9950	1 46	silica	none		
Snake R.: 45WT41	3789-C1-2Q2	250 - 9950	2 152	p:c	none		
Snake R.: 45WT41	3805-C1-2M3	4950 - 6950	1 53	p:c	none		
Snake R.: 45WT41	3805-C1-2M3	4950 - 6950	2 75	silica	none		
Snake R.: 45WT41	4177-3	250 - 9950	1 288	p:c	rescue	<i>Catostomus spp.</i>	
Snake R.: 45WT41	4177-3	250 - 9950	2 42	silica	rescue		
Snake R.: 45WT41	4177-4	250 - 9950	1 30	silica	rescue	<i>Catostomus spp.</i>	
Snake R.: 45WT41	4177-6	250 - 9950	1 32	silica	rescue	<i>Catostomus spp.</i>	
Snake R.: 45WT41	4177-6	250 - 9950	2 195	p:c	standard		
Snake R.: 45WT41	4548-B-C2	1450 - 2950	1 198	p:c	standard	Chinook (type 1)	TSA10
Snake R.: 45WT41	4582-C-O3	6650 - 7950	1 11	silica	none		
Snake R.: 45WT41	4585-C-W2	6650 - 7950	1 14	silica	none		
Snake R.: 45WT41	4619-B-C10	2450 - 4950	1 78	p:c	standard	Chinook (type 1)	TSA01a
Snake R.: 45WT41	6360-B	6650 - 7950	1 78	silica	none		
Snake R.: 45WT41	6793-C-W2	250 - 9950	1 unk	silica	none		
Snake R.: 45WT41	6844-C-P9	250 - 9950	1 63	p:c	standard	Chinook (type 1)	Incomplete
Snake R.: 45WT41	6844-C-P9	250 - 9950	2 24	silica	none		
Snake R.: 45WT41	6925-C-C2	250 - 9950	1 83	silica	none		
Snake R.: 45WT41	6933-B-C6-1	250 - 9950	1 125	p:c	none		
Snake R.: 45WT41	6933-B-C6-1	250 - 9950	2 11	silica	none		
Snake R.: 45WT41	6933-B-C6-2	250 - 9950	1 75	p:c	standard	<i>Catostomus spp.</i>	
Snake R.: 45WT41	6933-B-C6-2	250 - 9950	2 33	silica	none		
Snake R.: 45WT41	6933-B-C6-4	250 - 9950	1 18	silica	rescue	<i>Catostomus spp.</i>	
Snake R.: 45WT41	6933-B-C6-5	250 - 9950	1 87	p:c	standard	<i>Catostomus spp.</i>	
Snake R.: 45WT41	6940-B-C5	250 - 9950	1 87	p:c	none		
Snake R.: 45WT41	6940-B-C5	250 - 9950	2 24	silica	none		
Snake R.: 45WT41	7005-2K4	250 - 9950	1 8	silica	none		
Snake R.: 45WT41	577	1450	1 52	silica	none		
Snake R.: 45FR40	833	1450	1 56	silica	none		
Snake R.: 45FR40	1202-1	1450	1 11	silica	none		
Snake R.: 45FR40	1202-2	1450	1 62	p:c	standard	Chinook (type 1)	TSA17
Snake R.: 45FR40	1202-2	1450	2 172	p:c	standard		
Snake R.: 45FR40	1202-2	1450	3 11	silica	standard		
Snake R.: 45FR40	1202-3	1450	1 329	p:c	none		
Snake R.: 45FR40	1202-3	1450	2 46	p:c	none		

Group: Site	Sample ID	Age (YBP)	DNA extraction		PCR and sequencing results		Control region haplotype
			Weight (mg) # and method	PCR method	12S species (12S haplotype, Chinook salmon only)		
Snake R.: 45FR40	1202-3	1450	3 37	silica	none		
Snake R.: 45FR40	1202-4	1450	1 19	silica	none		
Snake R.: 45FR40	1202-5	1450	1 7	silica	none		
Snake R.: 45FR40	1202-6	1450	1 32	silica	none		
Snake R.: 45FR40	1202-7	1450	1 37	silica	standard	Chinook (type 1)	TSA23
Snake R.: 45FR40	1202-7	1450	2 78	p:c	rescue		
Snake R.: 45FR40	1202-7	1450	3 309	p:c	none		
Snake R.: 45FR40	1202-8	1450	1 84	silica	standard	Chinook (type 1)	TSA23
Snake R.: 45FR40	1202-8	1450	2 280	p:c	none		
Snake R.: 45FR40	1202-8	1450	3 132	p:c	none		
Snake R.: 45FR40	1212-F1	1450	1 7	silica	none		
Snake R.: 45FR40	2227-1559	450 - 3950	1 74	silica	none		
Snake R.: 45WT134	2273-1412	450 - 3950	1 63	silica	none		
Snake R.: 45WT134	2305-1578	450 - 3950	1 23	silica	none		
Snake R.: 45WT134	2354-1605	450 - 3950	1 50	silica	none		
Snake R.: 45WT134	2368-810	450 - 3950	1 54	silica	none		
Snake R.: 45WT134	2374-1430	450 - 3950	1 43	silica	none		
Snake R.: 45WT134	3399-781	450 - 3950	1 35	silica	none		
Snake R.: 45WT134	3401-350	450 - 3950	1 37	silica	none		
Snake R.: 45WT134	3402-422	450 - 3950	1 158	p:c	rescue	Chinook (type 1)	TSA26
Snake R.: 45WT134	3402-422	450 - 3950	2 41	silica	rescue		
Snake R.: 45WT134	3403-498	450 - 3950	1 15	silica	none		
Snake R.: 45WT134	3404-584	450 - 3950	1 280	p:c	standard	Chinook (type 1)	TSA17
Snake R.: 45WT134	3404-584	450 - 3950	2 41	silica	rescue		
Snake R.: 45WT134	3405-687	450 - 3950	1 242	p:c	standard	<i>Oncorhynchus kisutch</i>	
Snake R.: 45WT134	3405-687	450 - 3950	2 22	silica	rescue		
Snake R.: 45WT134	3406-919	450 - 3950	1 52	silica	none		
Snake R.: 45WT134	3408-1219	450 - 3950	1 45	silica	none		
Snake R.: 45WT134	3435-638	450 - 3950	1 80	silica	none		
Snake R.: 45FR50	3592-68.2	250 - 8950	1 11	silica	none		
Snake R.: 45FR50	5182-68.2	250 - 8950	1 33	silica	none		
Snake R.: 45FR50	5198-68.6	250 - 8950	1 73	silica	none		
Snake R.: 45FR50	5215-68.2	250 - 8950	1 21	silica	none		
Snake R.: 45FR50	6068-68.6	250 - 8950	1 58	silica	none		
Snake R.: 45FR50	6571-68.0	250 - 8950	1 87	silica	none		
Snake R.: 45FR50	6599-68.0	250 - 8950	1 20	silica	none		
Snake R.: 45FR50	9199-68.3-1	250 - 8950	1 24	silica	none		
Snake R.: 45FR50	9199-68.3-3	250 - 8950	1 46	p:c	none		
Snake R.: 45FR50	9199-68.3-3	250 - 8950	2 84	silica	none		
Snake R.: 45FR50	9394-68.1	250 - 8950	1 34	silica	none		
Snake R.: 45FR50	9395-68.4	250 - 8950	1 31	p:c	none		
Snake R.: 45FR50	9395-68.4	250 - 8950	2 22	silica	none		
Snake R.: 45FR50	9401-64.0	250 - 8950	1 143	silica	none		

Group: Site	Sample ID	Age (YBP)	DNA extraction		PCR and sequencing results		Control region haplotype
			#	Weight (mg) and method	PCR method	12S species (12S haplotype, Chinook salmon only)	
Snake R.: 45FR50	9423-63.0	250 - 8950	1	191 p:c	none		
Snake R.: 45FR50	9423-63.0	250 - 8950	2	54 silica	none		
Snake R.: 45FR50	9423-63.0	250 - 8950	3	144 p:c	none		
Snake R.: 45FR50	9423-63.0	250 - 8950	4	108 p:c	none		
Snake R.: 45FR50	9434-62.22	250 - 8950	1	21 silica	none		
Snake R.: 45FR50	9440-64.184-1	250 - 8950	1	23 silica	none		
Snake R.: 45FR50	9440-64.184-2	250 - 8950	1	29 silica	none		
Snake R.: 45FR50	9444-62.16	250 - 8950	1	52 silica	none		
Snake R.: 45FR50	9494-62.10	250 - 8950	1	31 silica	none		
Snake R.: 45FR50	9520-62.19-1	250 - 8950	1	37 silica	none		
Snake R.: 45FR50	9520-62.19-2	250 - 8950	1	54 silica	none		
Snake R.: 45FR39	53-535	250 - 2950	1	167 silica	none		
Snake R.: 45FR39	57-516	250 - 2950	1	96 p:c	standard	Chinook (type 4)	TSA23
Snake R.: 45FR39	57-516	250 - 2950	2	89 p:c	none		
Snake R.: 45FR39	57-516	250 - 2950	3	52 silica	none		
Snake R.: 45FR39	334-515	250 - 2950	1	139 p:c	standard	<i>Ptychocheilus spp.</i>	
Snake R.: 45FR39	334-515	250 - 2950	2	66 silica	none		
Snake R.: 45FR39	334-515	250 - 2950	3	79 p:c	none		
Snake R.: 45FR39	341-438	250 - 2950	1	85 p:c	standard	<i>Oncorhynchus kisutch</i>	
Snake R.: 45FR39	341-438	250 - 2950	2	135 silica	none		
Snake R.: 45FR39	536-770-1	250 - 2950	1	42 silica	standard	Chinook (type 1)	TSA17
Snake R.: 45FR39	536-770-2	250 - 2950	1	48 silica	standard	Chinook (type 1)	TSA17
Snake R.: 45FR39	704-602	250 - 2950	1	32 silica	none		
Snake R.: 45FR39	813-742	250 - 2950	1	52 silica	none		
Snake R.: 45FR39	813-742	250 - 2950	2	62 p:c	none		
Snake R.: 45FR39	903-235	250 - 2950	1	31 silica	none		
Snake R.: 45FR39	1253-15	250 - 2950	1	87 silica	none		
Snake R.: 45FR39	1253-15	250 - 2950	2	280 p:c	none		
Snake R.: 45FR39	1344-449	250 - 2950	1	28 silica	none		
Snake R.: 45FR39	1387-273	250 - 2950	1	48 silica	none		
Snake R.: 45FR39	1513-658	250 - 2950	1	75 silica	none		
Snake R.: 45FR39	1513-658	250 - 2950	2	58 p:c	none		
Snake R.: 45FR39	1634-796	250 - 2950	1	46 p:c	none		
Snake R.: 45FR39	1634-796	250 - 2950	2	23 silica	none		
Snake R.: 45FR39	1634-796	250 - 2950	3	27 p:c	none		
Snake R.: 45FR39	1731-450-1	250 - 2950	1	57 silica	none		
Snake R.: 45FR39	2181-637	250 - 2950	1	27 silica	rescue	<i>Catostomus spp.</i>	
Snake R.: 45FR39	2379-368	250 - 2950	1	38 silica	rescue	<i>Ptychocheilus spp.</i>	
Snake R.: 45FR39	2602-679-1	250 - 2950	1	85 silica	none		
Snake R.: 45FR39	2602-679-2	250 - 2950	1	23 silica	none		
Snake R.: 45FR39	2730-316	250 - 2950	1	31 silica	none		
Snake R.: 45FR39	2764-466-2	250 - 2950	1	54 silica	none		
Snake R.: 45FR39	2834-540	250 - 2950	1	70 p:c	none		

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			#	Weight (mg) and method	PCR method	12S species (12S haplotype, Chinook salmon only)	
Snake R.: 45FR39	2834-540	250 - 2950	2	110 silica	none		
Snake R.: 45FR39	2834-540	250 - 2950	3	415 p:c	none		
Snake R.: 45FR39	3068-474-1	250 - 2950	1	30 silica	standard	<i>Ptychocheilus spp.</i>	
Snake R.: 45FR39	3327-350	250 - 2950	1	144 p:c	standard	Chinook (type 1)	TSA17
Snake R.: 45FR39	3327-350	250 - 2950	2	35 silica	standard		
Snake R.: 45FR39	3355-95	250 - 2950	1	140 p:c	none		
Snake R.: 45FR39	3355-95	250 - 2950	2	57 silica	none		
Snake R.: 45FR39	3362-93	250 - 2950	1	44 silica	none		
Snake R.: 45FR39	3364-134-1	250 - 2950	1	27 silica	none		
Snake R.: 45FR39	3371-37	250 - 2950	1	33 silica	standard	Chinook (type 1)	TSA10
Snake R.: 45FR39	3371-37	250 - 2950	2	168 p:c	standard		
Snake R.: 45FR39	3389-61	250 - 2950	1	26 silica	standard	<i>Ptychocheilus spp.</i>	
Snake R.: 45FR39	3408-80	250 - 2950	1	44 silica	none		
Snake R.: 45FR39	3417-66	250 - 2950	1	201 p:c	none		
Snake R.: 45FR39	3417-66	250 - 2950	2	46 silica	none		
Snake R.: 45FR39	3440-11	250 - 2950	1	85 p:c	none		
Snake R.: 45FR39	3440-11	250 - 2950	2	60 silica	none		
Snake R.: 45FR39	3444-153	250 - 2950	1	83 p:c	standard	<i>Ptychocheilus spp.</i>	
Snake R.: 45FR39	3444-153	250 - 2950	2	37 silica	none		
Snake R.: 45FR39	4554-246	250 - 2950	1	49 silica	none		
Snake R.: 45FR39	4556-485-1	250 - 2950	1	30 silica	standard	<i>Catostomus spp.</i>	
Snake R.: 45FR39	4556-485-2	250 - 2950	1	32 silica	standard	<i>Catostomus spp.</i>	
Snake R.: 45GA61	6071-0	650 - 950	1	73 p:c	standard	Chinook (type 1)	TSA01a
Snake R.: 45GA61	9015-0	650 - 950	1	233 p:c	standard	Chinook (type 1)	TSA17
Snake R.: 45GA61	9800-0	450 - 7950	1	265 p:c	standard	<i>Catostomus spp.</i>	
Snake R.: 45GA61	9800-0	450 - 7950	2	19 silica	none		
Snake R.: 45GA61	11134-54	650 - 950	1	241 p:c	standard	Chinook (type 1)	TSA10
Snake R.: 45GA61	11135-59	650 - 950	1	412 p:c	rescue	Chinook (type 1)	TSA17
Snake R.: 45GA61	11175-30	650 - 950	1	64 p:c	standard	Human (contamination)	
Snake R.: 45GA61	11175-30	650 - 950	2	34 silica	none		
Snake R.: 45GA61	11197-68	450 - 7950	1	23 silica	none		
Snake R.: 45GA61	11920-54	650 - 950	1	315 p:c	standard	Chinook (type 1)	TSA17
Snake R.: 45GA61	11920-54	650 - 950	2	25 silica	standard		
Snake R.: 45GA61	11924-51	450 - 7950	1	31 silica	standard	<i>Catostomus spp.</i>	
Snake R.: 45GA61	11957-123	450 - 7950	1	44 p:c	standard	<i>Catostomus spp.</i>	
Snake R.: 45GA61	11957-123	450 - 7950	2	32 silica	none		
Snake R.: 45GA61	11957-123	450 - 7950	3	85 p:c	none		
Snake R.: 45GA61	12206-68	650 - 950	1	84 p:c	standard	Chinook (type 1)	TSA17
Snake R.: 45GA61	12224-30	650 - 950	1	329 p:c	standard	Chinook (type 1)	TSA17
Snake R.: 45GA61	12227-0	450 - 7950	1	38 silica	none		
Snake R.: 45GA61	12248-30	650 - 950	1	37 p:c	standard	<i>Catostomus spp.</i>	
Snake R.: 45GA61	12248-30	650 - 950	2	37 silica	none		
Snake R.: 45GA61	12248-30	650 - 950	3	134 p:c	none		

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			Weight (mg) # and method	PCR method	12S species (12S haplotype, Chinook salmon only)		
Snake R.: 45GA61	12250-68	650 - 950	1 11	silica	none		
Snake R.: 45GA61	12252-55	650 - 950	1 49	p:c	none		
Snake R.: 45GA61	12252-55	650 - 950	2 32	silica	none		
Snake R.: 45GA61	12257-30	650 - 950	1 21	silica	standard	Chinook (type 1)	TSA17
Snake R.: 45GA61	12270-59	650 - 950	1 437	p:c	standard	Chinook (type 1)	TSA01a
Snake R.: 45FR46	79-0	5450 - 7450	1 7	silica	none		
Snake R.: 45FR46	117-0-1	250 - 4450	1 14	silica	none		
Snake R.: 45FR46	117-0-2	250 - 4450	1 25.4	silica	standard	Chinook (type 4)	TSA01a
Snake R.: 45FR46	117-0-3	250 - 4450	1 34	silica	none		
Snake R.: 45FR46	220-0	250 - 8950	1 unk	silica	none		
Snake R.: 45FR46	220-0-2	250 - 8950	1 28	p:c	none		
Snake R.: 45FR46	220-0-2	250 - 8950	2 36	silica	none		
Snake R.: 45FR46	539-0	250 - 8950	1 60	p:c	none		
Snake R.: 45FR46	539-0	250 - 8950	2 15	silica	none		
Snake R.: 45FR46	818-0	250 - 4450	1 28	silica	none		
Snake R.: 45FR46	979-0-1	250 - 4450	1 20	silica	none		
Snake R.: 45FR46	979-0-2	250 - 4450	1 22	silica	none		
Snake R.: 45FR46	979-0-3	250 - 4450	1 25	silica	none		
Snake R.: 45FR46	979-0-4	250 - 4450	1 26	silica	none		
Snake R.: 45FR46	979-0-5	250 - 4450	1 35	silica	none		
Snake R.: 45FR46	979-0-6	250 - 4450	1 40	silica	none		
Snake R.: 45FR46	979-0-7	250 - 4450	1 253	p:c	none		
Snake R.: 45FR46	1088-0	250 - 4450	1 47	silica	none		
Snake R.: 45FR46	1120-0	250 - 8950	1 57	p:c	none		
Snake R.: 45FR46	1120-0	250 - 8950	2 49	silica	none		
Snake R.: 45FR46	1130-0-1	250 - 4450	1 201	p:c	standard	<i>Ptychocheilus spp.</i>	
Snake R.: 45FR46	1130-0-2	250 - 4450	1 15	silica	none		
Snake R.: 45FR46	1130-0-3	250 - 4450	1 18	silica	none		
Snake R.: 45FR46	1130-0-4	250 - 4450	1 24	silica	none		
Snake R.: 45FR46	1130-0-5	250 - 4450	1 26	silica	none		
Snake R.: 45FR46	1152-0-1	250 - 4450	1 46	p:c	none		
Snake R.: 45FR46	1152-0-1	250 - 4450	2 31	p:c	none		
Snake R.: 45FR46	1152-0-2	250 - 4450	1 52	p:c	standard	<i>Catostomus spp.</i>	
Snake R.: 45FR46	1152-0-2	250 - 4450	2 8	silica	none		
Snake R.: 45FR46	1152-0-2	250 - 4450	3 60	p:c	none		
Snake R.: 45FR46	1152-0-3	250 - 4450	1 22	silica	none		
Snake R.: 45FR46	1152-0-3	250 - 4450	2 57	p:c	none		
Snake R.: 45FR46	1185-0	250 - 4450	1 348	p:c	standard	Chinook (type 1)	TSA17
Snake R.: 45FR46	1185-0	250 - 4450	2 37	silica	standard		
Snake R.: 45FR46	2901-0	250 - 4450	1 37	silica	none		
Snake R.: 45FR46	2932-0	250 - 4450	1 125	p:c	none		
Snake R.: 45FR46	2932-0	250 - 4450	2 64	silica	none		
Snake R.: 45FR46	3095-01	250 - 4450	1 60	p:c	standard	<i>Ptychocheilus spp.</i>	

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			#	Weight (mg) and method	PCR method	12S species (12S haplotype, Chinook salmon only)	
Snake R.: 45FR46	3095-02	250 - 4450	1	20 silica	none		
Snake R.: 45FR46	3095-03	250 - 4450	1	31 silica	none		
Snake R.: 45FR46	3095-03	250 - 4450	2	89 p:c	none		
Snake R.: 45FR46	3095-0-1	250 - 4450	1	21 silica	none		
Snake R.: 45FR46	3095-0-1	250 - 4450	2	46 p:c	none		
Snake R.: 45FR46	3095-0-9	250 - 4450	1	18 silica	rescue	<i>Ptychocheilus spp.</i>	
Snake R.: 45FR46	3095-0-10	250 - 4450	1	19 silica	none		
Snake R.: 45FR46	3095-0-11	250 - 4450	1	20 silica	none		
Snake R.: 45FR46	3095-0-11	250 - 4450	3	10 silica	none		
Snake R.: 45FR46	3095-0-2	250 - 4450	1	27 silica	rescue	<i>Catostomus spp.</i>	
Snake R.: 45FR46	3095-0-2b	250 - 4450	1	12 silica	none		
Snake R.: 45FR46	3095-0-3	250 - 4450	1	12 silica	none		
Snake R.: 45FR46	3095-0-4	250 - 4450	1	13 silica	none		
Snake R.: 45FR46	3095-0-5	250 - 4450	1	15 silica	none		
Snake R.: 45FR46	3095-0-6	250 - 4450	1	15 silica	none		
Snake R.: 45FR46	3095-0-7	250 - 4450	1	16 silica	none		
Snake R.: 45FR46	3095-0-8	250 - 4450	1	17 silica	none		
Snake R.: 45FR46	3095-0-12	250 - 4450	1	142 p:c	standard	<i>Catostomus spp.</i>	
Snake R.: 45FR46	3207-0-1	250 - 4450	1	57 p:c	standard	Human (contamination)	
Snake R.: 45FR46	3207-0-1	250 - 4450	2	126 silica	none		
Snake R.: 45FR46	3207-0-2	250 - 4450	1	45 silica	none		
Snake R.: 45FR46	3207-0-3	250 - 4450	1	26 silica	none		
Snake R.: 45FR46	3207-0-4	250 - 4450	1	38 silica	none		
Spokane R.: 45SP266	328-32-1	3250	1	387 p:c	none		
Spokane R.: 45SP266	328-32-2	3250	1	383 p:c	rescue	Chinook (type 1)	TSA10
Spokane R.: 45SP266	406-40-1	7200	1	18 silica	none		
Spokane R.: 45SP266	406-40-2	7200	1	56 p:c	none		
Spokane R.: 45SP266	458-48	2500	1	21 silica	none		
Spokane R.: 45SP266	458-48	2500	2	267 p:c	none		
Spokane R.: 45SP266	670-69	3250	1	16 silica	none		
Spokane R.: 45SP266	711-74	3250	1	unk silica	none		
Spokane R.: 45SP266	711-74	3250	2	250 p:c	none		
Spokane R.: 45SP266	722-76-1	7200	1	84.0 p:c	standard	Chinook (type 1)	TSA01a
Spokane R.: 45SP266	722-76-1	7200	2	255 p:c	rescue		
Spokane R.: 45SP266	722-76-2	7200	1	17 silica	none		
Spokane R.: 45SP266	722-76-3	7200	1	182 p:c	none		
Spokane R.: 45SP266	722-76-4	7200	1	134.0 p:c	rescue	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	722-76-5	7200	1	347.0 p:c	rescue	Chinook (type 1)	TSA27
Spokane R.: 45SP266	766-80-1	7200	1	144 p:c	none		
Spokane R.: 45SP266	766-80-2	7200	1	241.0 p:c	rescue	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	766-80-3	7200	1	18 p:c	none		
Spokane R.: 45SP266	766-80-4	7200	1	12 silica	none		
Spokane R.: 45SP266	766-80-5	7200	1	109 p:c	none		

Group: Site	Sample ID	Age (YBP)	DNA extraction		PCR and sequencing results		Control region haplotype
			Weight (mg) # and method	PCR method	12S species (12S haplotype, Chinook salmon only)		
Spokane R.: 45SP266	766-80-6	7200	1 22	p:c	none		
Spokane R.: 45SP266	766-80-7	7200	1 72	p:c	none		
Spokane R.: 45SP266	766-80-8	7200	1 415	p:c	none		
Spokane R.: 45SP266	766-80-9	7200	1 405.0	p:c	rescue	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	816-88	2500	1 47	p:c	rescue	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	816-88	2500	2 29	p:c	none		
Spokane R.: 45SP266	816-88	2500	3 13	silica	none		
Spokane R.: 45SP266	900-96-1	undetermined	1 30	p:c	none		
Spokane R.: 45SP266	900-96-2	undetermined	1 24.0	silica	rescue	Chinook (type 1)	TSA10
Spokane R.: 45SP266	900-96-3	undetermined	1 233.0	p:c	rescue	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	909-97-1	7200	1 37	p:c	standard	Chinook (type 3)	Incomplete
Spokane R.: 45SP266	909-97-1	7200	2 32	p:c	none		
Spokane R.: 45SP266	909-97-2	7200	1 19.0	silica	rescue	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	909-97-3	7200	1 29	p:c	none		
Spokane R.: 45SP266	1362-148	3250	1 19	silica	none		
Spokane R.: 45SP266	1362-148	3250	2 30	p:c	none		
Spokane R.: 45SP266	1371-587-1	3250 or 7200	1 19	p:c	none		
Spokane R.: 45SP266	1371-587-2	3250 or 7200	1 132.0	p:c	rescue	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	1371-587-3	3250 or 7200	1 58.0	p:c	rescue	Chinook (type 1)	TSA17
Spokane R.: 45SP266	1371-587-4	3250 or 7200	1 30	p:c	none		
Spokane R.: 45SP266	1371-587-5	3250 or 7200	1 22	silica	none		
Spokane R.: 45SP266	1371-587-6	3250 or 7200	1 23	p:c	none		
Spokane R.: 45SP266	1371-587-7	3250 or 7200	1 63.0	p:c	rescue	Chinook (type 1)	TSA25
Spokane R.: 45SP266	1371-587-7	3250 or 7200	2 71.0	p:c	rescue		
Spokane R.: 45SP266	1371-587-8	3250 or 7200	1 170.0	p:c	rescue	Chinook (type 1)	TSA28
Spokane R.: 45SP266	1371-587-9	3250 or 7200	1 23	p:c	none		
Spokane R.: 45SP266	1375-149-2	7200	1 18	silica	none		
Spokane R.: 45SP266	1375-149-3	7200	1 26	p:c	none		
Spokane R.: 45SP266	1405-153-1	7200	1 38	p:c	none		
Spokane R.: 45SP266	1405-153-2	7200	1 20	silica	none		
Spokane R.: 45SP266	1405-153-3	7200	1 26	p:c	none		
Spokane R.: 45SP266	1405-153-4	7200	1 26	p:c	none		
Spokane R.: 45SP266	1405-153-5	7200	1 36	p:c	none		
Spokane R.: 45SP266	1405-153-6	7200	1 41	p:c	none		
Spokane R.: 45SP266	1405-153-7	7200	1 26	p:c	none		
Spokane R.: 45SP266	1405-153-8	7200	1 30	p:c	none		
Spokane R.: 45SP266	1421-154-1	7200	1 32	silica	none		
Spokane R.: 45SP266	1421-154-2	7200	1 33	p:c	none		
Spokane R.: 45SP266	1531-165	3250	1 167.0	p:c	rescue	Chinook (type 1)	TSA10
Spokane R.: 45SP266	1544-167	3250	1 34	silica	none		
Spokane R.: 45SP266	1544-167	3250	2 41	p:c	none		
Spokane R.: 45SP266	1548-168	3250	1 26.0	silica	rescue	Chinook (type 1)	TSA10
Spokane R.: 45SP266	1548-168	3250	2 63.0	p:c	rescue		

Group: Site	Sample ID	Age (YBP)	DNA extraction		PCR and sequencing results		Control region haplotype
			#	Weight (mg) and method	PCR method	12S species (12S haplotype, Chinook salmon only)	
Spokane R.: 45SP266	1562-170-1	3250 or 7200	1	14 silica	rescue	Chinook (type 3)	TSA17
Spokane R.: 45SP266	1562-170-1	3250 or 7200	2	26 silica	none		
Spokane R.: 45SP266	1562-170-1	3250 or 7200	3	42 p:c	none		
Spokane R.: 45SP266	1562-170-1	3250 or 7200	4	143.0 p:c	standard		
Spokane R.: 45SP266	1562-170-2	3250 or 7200	1	18.0 silica	rescue	Chinook (type 1)	TSA17
Spokane R.: 45SP266	1562-170-2	3250 or 7200	2	unk p:c	rescue		
Spokane R.: 45SP266	1562-170-2	3250 or 7200	3	28 p:c	none		
Spokane R.: 45SP266	1566-171-1	3250 or 7200	1	66.0 p:c	rescue	Chinook (type 1)	TSA17
Spokane R.: 45SP266	1566-171-1	3250 or 7200	2	17 silica	none		
Spokane R.: 45SP266	1566-171-2	3250 or 7200	1	21 silica	standard	Chinook (type 1)	TSA17
Spokane R.: 45SP266	1566-171-2	3250 or 7200	2	123.9 p:c	rescue		
Spokane R.: 45SP266	1572-173	7200	1	16.7 silica	rescue	Chinook (type 1)	TSA17
Spokane R.: 45SP266	1572-173	7200	2	60.0 p:c	standard		
Spokane R.: 45SP266	1757-189	3250	1	39 p:c	none		
Spokane R.: 45SP266	1781-191-1	7200	1	74.0 p:c	standard	Chinook (type 1)	TSA17
Spokane R.: 45SP266	1781-191-2	7200	1	50 p:c	rescue	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	1781-191-2	7200	2	19 silica	none		
Spokane R.: 45SP266	1957-209	3250	1	27 p:c	none		
Spokane R.: 45SP266	1964-210	undetermined	1	21 silica	none		
Spokane R.: 45SP266	1964-210	undetermined	2	49 p:c	none		
Spokane R.: 45SP266	2014-218	undetermined	1	75.0 p:c	rescue	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	2014-218	undetermined	2	24 silica	none		
Spokane R.: 45SP266	2082-588-1	3250	1	25 silica	none		
Spokane R.: 45SP266	2082-588-2	3250	1	27 p:c	none		
Spokane R.: 45SP266	2082-588-3	3250	1	29 p:c	none		
Spokane R.: 45SP266	2138-231-1	7200	1	44 p:c	none		
Spokane R.: 45SP266	2138-231-2	7200	1	26 p:c	none		
Spokane R.: 45SP266	2179-236	2500	1	30 silica	none		
Spokane R.: 45SP266	2179-236	2500	2	28 p:c	none		
Spokane R.: 45SP266	2211-239	2500	1	140.0 p:c	rescue	Chinook (type 1)	TSA10
Spokane R.: 45SP266	2249-241	3250	1	46 silica	none		
Spokane R.: 45SP266	2249-241	3250	2	34 p:c	none		
Spokane R.: 45SP266	2260-242	3250	1	29 p:c	rescue	Chinook (type 1)	TSA10
Spokane R.: 45SP266	2260-242	3250	2	46.0 silica	none		
Spokane R.: 45SP266	2296-248-1	undetermined	1	38 p:c	rescue	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	2296-248-1	undetermined	2	40.0 p:c	none		
Spokane R.: 45SP266	2296-248-2	undetermined	1	24 p:c	none		
Spokane R.: 45SP266	2296-248-2	undetermined	2	49 p:c	none		
Spokane R.: 45SP266	2296-248-3	undetermined	1	32 p:c	none		
Spokane R.: 45SP266	2296-248-3	undetermined	2	28 p:c	none		
Spokane R.: 45SP266	2296-248-5	undetermined	1	39 silica	none		
Spokane R.: 45SP266	2296-248-5	undetermined	2	34 p:c	none		
Spokane R.: 45SP266	2296-248-5	undetermined	3	40 p:c	none		



Group: Site	Sample ID	Age (YBP)	DNA extraction		PCR and sequencing results		Control region haplotype
			#	Weight (mg) and method	PCR method	12S species (12S haplotype, Chinook salmon only)	
Spokane R.: 45SP266	2296-248-6	undetermined	1	37 silica	none		
Spokane R.: 45SP266	2296-248-6	undetermined	2	33 p:c	none		
Spokane R.: 45SP266	2491-264	2500	1	18 silica	none		
Spokane R.: 45SP266	2491-264	2500	2	32 p:c	none		
Spokane R.: 45SP266	2515-269	undetermined	1	22 silica	none		
Spokane R.: 45SP266	2515-269	undetermined	2	41 p:c	none		
Spokane R.: 45SP266	2523-270-1	7200	1	34.5 silica	rescue	Chinook (type 2)	TSA17
Spokane R.: 45SP266	2523-270-1	7200	2	87.0 p:c	standard		
Spokane R.: 45SP266	2523-270-2	7200	1	53.0 p:c	rescue	Chinook (type 1)	TSA10
Spokane R.: 45SP266	2523-270-3	7200	1	82.0 p:c	standard	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	2582-276	2500	1	15 silica	none		
Spokane R.: 45SP266	2667-285	3250	1	126.0 p:c	rescue	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	2667-285	3250	1	17 silica	none		
Spokane R.: 45SP266	2693-289	2500	1	144.0 p:c	rescue	Chinook (type 1)	TSA01a
Spokane R.: 45SP266	2742-295-1	3250	1	44 p:c	none		
Spokane R.: 45SP266	2742-295-2	3250	1	32 p:c	none		
Spokane R.: 45SP266	2742-295-3	3250	1	64.0 p:c	none		
Spokane R.: 45SP266	2742-295-4	3250	1	9 silica	none		
Spokane R.: 45SP266	2742-295-5	3250	1	41 p:c	none		
Spokane R.: 45SP266	2742-295-6	3250	1	39 p:c	rescue	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	2748-296-1	3250 or 7200	1	40.0 p:c	rescue	Chinook (type 1)	TSA25
Spokane R.: 45SP266	2748-296-1	3250 or 7200	2	unk silica	none		
Spokane R.: 45SP266	2748-296-1	3250 or 7200	3	24.0 p:c	none		
Spokane R.: 45SP266	2748-296-2	3250 or 7200	1	228 p:c	rescue	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	2748-296-3	3250 or 7200	1	23.1 silica	standard	Chinook (type 2)	Incomplete
Spokane R.: 45SP266	2754-297-1	7200	1	28 p:c	none		
Spokane R.: 45SP266	2754-297-1	7200	2	26 p:c	none		
Spokane R.: 45SP266	2754-297-2	7200	1	17 silica	none		
Spokane R.: 45SP266	2765-298-1	7200	1	34 silica	none		
Spokane R.: 45SP266	2765-298-1	7200	2	27 p:c	none		
Spokane R.: 45SP266	2765-298-2	7200	1	41 p:c	none		
Spokane R.: 45SP266	2867-307	2500	1	42 p:c	none		
Spokane R.: 45SP266	2916-313-2	3250 or 7200	1	121.4 p:c	standard	Chinook (type 1)	TSA25
Spokane R.: 45SP266	2916-313-3	3250 or 7200	1	58.0 silica	standard	Chinook (type 1)	TSA10
Spokane R.: 45SP266	2916-313-4	3250 or 7200	1	31 p:c	rescue	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	3007-324	2500	1	19 silica	none		
Spokane R.: 45SP266	3007-324	2500	2	43 p:c	none		
Spokane R.: 45SP266	3202-349	7200	1	42 p:c	rescue	Chinook (type 1)	TSA10
Spokane R.: 45SP266	3240-354	3250	1	35 silica	none		
Spokane R.: 45SP266	3240-354	3250	2	48 p:c	none		
Spokane R.: 45SP266	3240-354	3250	3	41 p:c	none		
Spokane R.: 45SP266	3272-359	7200	1	64.0 p:c	rescue	Chinook (type 1)	TSA17
Spokane R.: 45SP266	3272-359	7200	2	121.0 p:c	rescue		

Group: Site	Sample ID	Age (YBP)	DNA extraction		PCR and sequencing results		Control region haplotype
			Weight (mg) # and method	PCR method	12S species (12S haplotype, Chinook salmon only)		
Spokane R.: 45SP266	4119-443-1	2500	1	17 silica	none		
Spokane R.: 45SP266	4119-443-1	2500	2	42 p:c	none		
Spokane R.: 45SP266	4119-443-2	2500	1	38 p:c	none		
Spokane R.: 45SP266	4119-443-2	2500	2	27 p:c	none		
Spokane R.: 45SP266	5615-598	2500	1	23 silica	none		
Spokane R.: 45SP266	5658-614-1	undetermined	1	unk silica	none		
Spokane R.: 45SP266	5658-614-2	undetermined	1	31.4 silica	rescue	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	5658-614-2	undetermined	2	31 p:c	standard		
Spokane R.: 45SP266	5658-614-2	undetermined	3	38.0 p:c	none		
Spokane R.: 45SP266	5658-614-3	undetermined	1	24 p:c	none		
Spokane R.: 45SP266	5658-614-4	undetermined	1	43 p:c	none		
Spokane R.: 45SP266	5662-616-1	3250 or 7200	1	42 p:c	rescue	Chinook (type 1)	TSA10
Spokane R.: 45SP266	5662-616-2	3250 or 7200	1	42.1 silica	rescue	Chinook (type 1)	Incomplete
Spokane R.: 45SP266	5662-616-2	3250 or 7200	2	107.0 p:c	standard		
Spokane R.: 45SP266	5662-616-2	3250 or 7200	3	117.0 p:c	standard		
Columbia R.: 45ST97	183273-18019	100	1	330 p:c	none		
Columbia R.: 45ST97	183367-18297	100	1	530 p:c	none		
Columbia R.: 45ST97	183587-15148	100	1	19 p:c	none		
Columbia R.: 45ST97	183591-15260	100	1	46 p:c	standard	Chinook (type 1)	TSA01a
Columbia R.: 45DO189	3808	3127.5 +/- 132.5	1	103 p:c	standard	Chinook (type 4)	TSA01a
Columbia R.: 45DO189	3841	3127.5 +/- 132.5	1	unk p:c	none		
Columbia R.: 45DO189	3746-1	3127.5 +/- 132.5	1	131 p:c	standard	Chinook (type 1)	TSA10
Columbia R.: 45DO189	3746-2	3127.5 +/- 132.5	1	137 p:c	standard	Chinook (type 1)	TSA17
Columbia R.: 45DO189	3746-3	3127.5 +/- 132.5	1	138 p:c	standard	Chinook (type 1)	TSA10
Columbia R.: 45DO189	3746-4	3127.5 +/- 132.5	1	117 p:c	standard	Chinook (type 1)	TSA01a
Columbia R.: 45DO189	3746-5	3127.5 +/- 132.5	1	94 p:c	standard	Chinook (type 1)	TSA24
Columbia R.: 45DO189	3746-6	3127.5 +/- 132.5	1	105 p:c	none		
Columbia R.: 45DO189	3746-7	3127.5 +/- 132.5	1	unk p:c	none		
Columbia R.: 45DO189	3746-8	3127.5 +/- 132.5	1	unk p:c	none		
Columbia R.: 45DO189	3758-1	3127.5 +/- 132.5	1	92 p:c	standard	Chinook (type 1)	TSA10
Columbia R.: 45DO189	3758-2	3127.5 +/- 132.5	1	112 p:c	standard	Chinook (type 1)	TSA10
Columbia R.: 45DO189	3758-3	3127.5 +/- 132.5	1	unk p:c	none		
Columbia R.: 45DO189	3770-1	3127.5 +/- 132.5	1	113 p:c	standard	Chinook (type 1)	TSA10
Columbia R.: 45DO189	3770-2	3127.5 +/- 132.5	1	141 p:c	standard	Chinook (type 1)	TSA17
Columbia R.: 45DO189	3770-3	3127.5 +/- 132.5	1	109 p:c	standard	Chinook (type 1)	TSA01b
Columbia R.: 45DO189	3770-4	3127.5 +/- 132.5	1	121 p:c	standard	Chinook (type 1)	TSA17
Columbia R.: 45DO189	3770-4	3127.5 +/- 132.5	2	101 p:c	standard		
Columbia R.: 45DO189	3770-5	3127.5 +/- 132.5	1	163 p:c	standard	Chinook (type 1)	TSA17
Columbia R.: 45DO189	3770-6	3127.5 +/- 132.5	1	144 p:c	standard	Chinook (type 1)	TSA17
Columbia R.: 45DO189	3770-7	3127.5 +/- 132.5	1	121 p:c	standard	Chinook (type 1)	TSA17
Columbia R.: 45DO189	3770-8	3127.5 +/- 132.5	1	159 p:c	standard	Chinook (type 1)	TSA01b
Columbia R.: 45DO189	3770-9	3127.5 +/- 132.5	1	119 p:c	standard	Chinook (type 1)	TSA17
Columbia R.: 45DO189	3770-10	3127.5 +/- 132.5	1	131 p:c	standard	Chinook (type 1)	TSA01b

Group: Site	Sample ID	Age (YBP)	DNA extraction		PCR and sequencing results		Control region haplotype
			Weight (mg) # and method	PCR method	12S species (12S haplotype, Chinook salmon only)		
Columbia R.: 45DO189	3770-11	3127.5 +/- 132.5	1 101	p:c	standard	Chinook (type 1)	TSA17
Columbia R.: 45DO189	3770-12	3127.5 +/- 132.5	1 153	p:c	standard	Chinook (type 1)	TSA17
Columbia R.: 45DO189	3770-13	3127.5 +/- 132.5	1 152	p:c	none		
Columbia R.: 45DO189	3770-14	3127.5 +/- 132.5	1 141	p:c	standard	Chinook (type 1)	TSA23
Columbia R.: 45DO189	3770-15	3127.5 +/- 132.5	1 151	p:c	standard	Chinook (type 1)	TSA01b
Columbia R.: 45DO189	3770-16	3127.5 +/- 132.5	1 118	p:c	standard	Chinook (type 1)	TSA17
Columbia R.: 45DO189	3770-17	3127.5 +/- 132.5	1 106	p:c	standard	Chinook (type 1)	TSA17
Columbia R.: 45DO189	3770-18	3127.5 +/- 132.5	1 115	p:c	standard	Chinook (type 1)	TSA01b
Columbia R.: 45DO189	3770-19	3127.5 +/- 132.5	1 36	p:c	none		
Columbia R.: 45DO189	3770-20	3127.5 +/- 132.5	1 38	p:c	standard	Chinook (type 1)	TSA10
Columbia R.: 45DO189	3770-21	3127.5 +/- 132.5	1 43	p:c	standard	Chinook (type 1)	TSA17
Columbia R.: 45DO189	3770-22	3127.5 +/- 132.5	1 105	p:c	standard	Chinook (type 3)	TSA01b
Columbia R.: 45FE45	7220	1150 +/- 50	1 127	p:c	none		
Columbia R.: 45FE45	7221	1150 +/- 50	1 141	p:c	standard	Chinook (type 1)	TSA01b
Columbia R.: 45FE45	7221	1150 +/- 50	2 13	p:c	standard		
Columbia R.: 45FE45	7274	1150 +/- 50	1 132	p:c	none		
Columbia R.: 45FE45	7356	1150 +/- 50	1 125	p:c	standard	Chinook (type 1)	TSA01b
Columbia R.: 45FE45	7356	1150 +/- 50	2 106	p:c	standard		
Columbia R.: 45FE45	7357	1150 +/- 50	1 166	p:c	standard	Chinook (type 1)	TSA01b
Columbia R.: 45FE45	7357	1150 +/- 50	2 120	p:c	standard		
Columbia R.: 45FE45	7358	1150 +/- 50	1 101	p:c	standard	Chinook (type 1)	TSA23
Columbia R.: 45FE45	7359	1150 +/- 50	1 unk	p:c	none		
Columbia R.: 45FE45	8747	1150 +/- 50	1 131	p:c	none		
Columbia R.: 45FE44	1855	7627 +/- 100	1 140	p:c	standard	Chinook (type 1)	TSA17
Columbia R.: 45FE44	1922	7627 +/- 100	1 98	p:c	rescue	Chinook (type 1)	Incomplete
Columbia R.: 45FE44	2014	7627 +/- 100	1 unk	p:c	none		
Columbia R.: 45FE44	2016	7627 +/- 100	1 unk	p:c	none		
Columbia R.: 45FE44	2079	7627 +/- 100	1 135	p:c	none		
Columbia R.: 45FE44	2314	7627 +/- 100	1 90	p:c	none		
Columbia R.: 45FE44	2314	7627 +/- 100	2 85	p:c	none		
Columbia R.: 45FE44	2577	7627 +/- 100	1 107	p:c	none		
Columbia R.: 45FE44	2577	7627 +/- 100	2 92	p:c	none		
Columbia R.: 45FE44	2746	7627 +/- 100	1 unk	p:c	none		
Columbia R.: 45FE44	2750	7627 +/- 100	1 unk	p:c	none		