VIROLOGICA SINICA

Electronic Supplementary Material

Fur Seal Feces-Associated Circular DNA Virus Identified in Pigs in Anhui, China

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5'-IR Cap

	28	29	34	35	36	63	72	76	99	111	129	163	180	189	198	199	200	202	209	210	211	212	248
FSfaCV-CHN	T	A	T	A	T	T	T	T	G	C	A	T	C	C	G	G	A	A	C	T	C	A	C
FSfaCV-JPN1	A	C	A	C	C	.	-	A	A	A	T	A	.	A	.	.	.	.	.	.	.	.	G
FSfaCV-as50	.	.	.	.	.	G	-	.	.	A	T	A	A	.	T	C	C	G	A	G	G	T	.

Cap

	254	257	272	277	284	295	296	303	304	308	309	310	311	332	341	342	344	348	356	357	358	359	362
FSfaCV-CHN	T	T	T	A	A	G	G	A	G	G	A	A	T	A	A	T	A	T	G	T	G	T	G
FSfaCV-JPN1	C	.	.	C	T	.	.	T	C	A	C	G	.	C	T	C	T	G	T	A	C	A	T
FSfaCV-as50	.	G	A	C	T	A	T	.	.	A	C	.	G	.	.	C	T	G	T	.	.	.	.

Cap

	376	382	383	384	385	391	392	428	458	461	482	487	491	518	527	545	560	660	662	665	667	680	681
FSfaCV-CHN	G	A	T	G	T	A	A	T	C	G	T	G	T	A	A	T	T	G	T	T	A	C	G
FSfaCV-JPN1	.	G	G	A	C	G	C	A	.	.	G	T	C	G	T	A	.	T	A	C	T	T	A
FSfaCV-as50	T	.	.	A	C	.	.	A	A	T	A	T	.	G	.	A	A	T	A	C	T	T	A

Cap

	691	693	696	708	722	723	724	728	785	795	796	797	822	827	830	839	858	860	864	869	879	884	885
FSfaCV-CHN	C	C	G	A	T	T	T	A	C	A	A	G	T	C	C	A	C	T	A	A	G	T	A
FSfaCV-JPN1	.	A	A	T	G	A	G	C	T	C	G	T	G	T	.	G	A	A	G	.	.	C	C
FSfaCV-as50	T	A	A	T	G	A	G	C	T	C	G	T	G	.	T	G	A	A	G	G	T	C	G

Cap

	918	919	920	926	939	941	947	954	965	1005	1007	1010	1020	1021	1022	1027	1028	1046	1052	1053	1094	1109	1136
FSfaCV-CHN	C	A	A	G	A	C	A	G	C	C	T	T	A	A	A	T	C	C	T	G	T	T	C
FSfaCV-JPN1	G	C	T	.	G	G	T	T	.	A	A	C	C	G	T	A	T	.	A	.	A	.	T
FSfaCV-as50	G	C	T	A	G	G	.	.	T	A	A	C	C	G	T	A	T	T	.	A	A	A	.

3'-IR

	1143	1145	1151	1221	1231	1232	1239	1247	1249	1250	1252	1257	1258	1260	1286	1287	1288	1290	1298	1326	1329	1331	1335
FSfaCV-CHN	A	T	C	A	G	C	T	T	C	C	C	A	C	A	G	T	A	G	G	A	C	A	T
FSfaCV-JPN1	G	A	G	T	C	A	A	C	A	A	.	T	G	.	T	A	C	C	T	T	A	G	C
FSfaCV-as50	.	.	G	T	C	A	A	A	A	A	T	T	G	T	T	A	C	C	T	T	A	G	C

3'-IR

	1339	1340	1341	1349	1350	1352	1353	1356	1363	1364	1366	1368	1369	1371	1372	1374	1376	1377	1380	1384	1413	1421	1424
FSfaCV-CHN	T	A	C	C	G	A	T	A	G	C	G	G	C	T	G	T	A	T	T	A	C	A	-
FSfaCV-JPN1	A	C	T	.	T	C	A	.	A	A	T	C	T	A	T	G	.	G	C	G	.	G	-
FSfaCV-as50	A	C	.	T	T	.	.	C	.	G	.	.	T	A	T	A	G	A	.	.	T	G	C

Rep

	1425	1426	1427	1428	1433	1434	1437	1442	1452	1454	1455	1456	1482	1511	1512	1514	1515	1527	1533	1535	1539	1541	1740
FSfaCV-CHN	-	-	-	-	-	-	A	A	T	G	T	A	C	A	C	A	C	A	A	G	T	A	G
FSfaCV-JPN1	-	-	-	-	-	-	.	.	.	.	.	.	T	G	A	G	T	G	C	A	A	T	.
FSfaCV-as50	A	C	G	G	T	C	G	G	G	T	G	T	T	G	A	G	T	G	C	A	A	T	T

Rep

	1743	1787	1856	1885	1891	1899	1911	1917	1926	1944	1947	1966	1975	1976	1977	1979	1987	1989	2001	2003	2004	2013	2018
FSfaCV-CHN	T	T	G	T	T	G	A	C	A	G	T	C	G	A	G	T	G	G	G	G	C	A	G
FSfaCV-JPN1	.	A	A	G	A	.	G	A	C	A	C	G	A	G	C	C	C	T	C	A	G	C	C
FSfaCV-as50	A	A	A	.	.	A	G	A	C	.	.	G	.	.	.	.	C	T	.	.	.	C	C

Rep

	2026	2029	2062	2065	2070	2076	2077	2078	2079	2088	2093	2106	2124	2133	2140	2141	2162	2166	2172	2184	2187	2188	2189
FSfaCV-CHN	T	T	T	G	G	A	C	T	C	T	G	A	A	T	T	G	T	C	A	A	G	T	T
FSfaCV-JPN1	C	G	A	A	C	.	T	C	.	.	T	T	.	C	.	.	.	T	G	G	A	.	C
FSfaCV-as50	C	G	.	A	.	G	T	C	T	C	T	T	G	.	C	T	G	T	.	G	A	G	.

Rep

	2190	2196	2198	2205	2206	2207	2213	2226	2235	2236	2237	2238	2241	2242	2243	2244	2247	2249	2259	2261	2265	2266	2267
FSfaCV-CHN	G	A	C	T	G	A	C	G	A	T	C	T	G	T	T	G	T	G	C	C	A	T	T
FSfaCV-JPN1	A	T	G	G	C	T	G	.	C	G	G	.	A	C	C	A	G	.	T	.	T	C	C
FSfaCV-as50	A	T	G	.	.	T	G	A	T	G	G	A	.	.	.	.	.	A	G	T	.	G	.

Rep

	2268	2270	2271	2272	2273	2280	2289	2298	2300	2310	2312	2325	2326	2327	2331	2332	2333	2343	2365	2369	2390	2398	2399
FSfaCV-CHN	A	G	G	T	A	C	T	A	G	T	G	C	T	C	A	G	T	G	T	G	T	T	C
FSfaCV-JPN1	C	A	A	G	C	T	C	G	T	C	T	A	G	T	T	T	G	.	A	T	C	C	T
FSfaCV-as50	C	T	.	.	.	.	.	.	.	.	.	T	.	.	.	.	.	A	.	.	.	.	.

Rep 5'-IR

	2413	2414	2415	2417	2418	2427	2447	2450	2466	2467	2468	2470	2487	2488	2489	2490	2491	2493	2494	2495	2503	2504	2506
FSfaCV-CHN	A	T	A	C	G	C	T	T	A	G	G	T	A	G	T	A	G	T	G	T	C	T	C
FSfaCV-JPN1	.	.	G	T	.	G	.	.	T	A	C	G	C	A	G	T	T	C	T	C	T	C	T
FSfaCV-as50	G	G	.	G	A	G	G	C	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

5'-IR

	2507	2531	2535	2539	2541	2542	2555	2556	2558	2564	2565	2567	2576	2577	2578	2581	2582	2583	2584	2587	2588	2590	2591
FSfaCV-CHN	A	A	T	C	T	A	A	-	A	G	G	T	T	-	C	A	G	A	A	C	G	A	T
FSfaCV-JPN1	C	G	.	.	.	.	.	-	.	.	.	.	.	-	.	.	.	.	.	.	.	.	.
FSfaCV-as50	.	.	A	T	G	G	C	T	G	A	A	-	A	G	T	G	A	T	G	G	C	T	G

5'-IR

	2592	2594	2611	2614	2615	2616	2622	2623	2624	2643	2644	2645	2646	2657	2659	2668	2670	2671	2677	2679	2684	2685	2686
FSfaCV-CHN	C	A	G	G	C	T	T	A	A	-	-	-	-	-	C	C	G	C	G	T	A	C	-
FSfaCV-JPN1	.	.	C	A	.	C	-	-	.	A	A	A	A	-	T	G	A	G	A	A	T	A	C
FSfaCV-as50	T	G	.	.	G	.	-	-	-	A	A	A	A	C	T	G	A	G	A	A	G	A	-

5'-IR

	2687	2688	2690	2695	2698	2700	2702	2703	2705	2850	2872	2875	2895	2899	2921	2922	2927	2929	2931	2932
FSfaCV-CHN	-	A	T	T	A	T	A	T	-	C	G	-	A	G	C	A	A	T	G	T
FSfaCV-JPN1	T	.	C	.	.	.	.	-	T	G	.	T	G	A	-	-	C	G	T	C
FSfaCV-as50	-	G	.	A	T	A	T	C	T	.	T	T	.	.	T	G	C	G	T	C

Fig. S1. Genome sequences comparison between FSfaCV-CHN, FSfaCV-JPN1 and FSfaCV-as50. Full length genome sequences of three FSfaCVs were aligned using ClustalW implemented in MEGA6.06. The coding and non-coding region are labeled, intergenic region (gray), Cap (green), and Rep (orange). All the nucleotides are shown in different colors.