

**Table S1.** Subjects' ID numbers and subtypes of database samples, and the corresponding manuscripts PMID numbers

<b>SUBJECT ID</b>	<b>PMID</b>	<b>Subtype</b>
EU693240	18851680	CRF25_cpx
EF087995	17725418	CRF36_cpx
EF087994	17725418	CRF36_cpx
EF116594	17678477	CRF37_cpx
DQ845388	17331036	CRF13_cpx
DQ845387	17331036	CRF13_cpx
DQ845386	17331036	CRF13_cpx
AY169816	14678605	O
AY169815	14678605	O
AY169813	14678605	O
AY169812	14678605	O
AY169811	14678605	O
AY169810	14678605	O
AY169809	14678605	O
AY169808	14678605	O
AY169807	14678605	O
AY169806	14678605	O
AY169804	14678605	O
AY169803	14678605	O
AY169802	14678605	O
AJ291718	11839159	CRF11_cpx
AY371170	15186527	F2
AY371169	15186527	CRF25_cpx
AY371168	15186527	CRF22_01A1
AY371167	15186527	CRF22_01A1
AY371166	15186527	CRF18_cpx
AY371165	15186527	CRF22_01A1
AY371164	15186527	A1
AY371163	15186527	CRF22_01A1
AY371162	15186527	H
AY371161	15186527	H
AY371160	15186527	A1
AY371159	15186527	CRF22_01A1
AY371158	15186527	F2
AY371157	15186527	D
AY371156	15186527	D
AY371155	15186527	D

AY371154	15186527	CRF13_cpx
AY371153	15186527	CRF11_cpx
AY371151	15186527	CRF11_cpx
AY371150	15186527	CRF11_cpx
AY371149	15186527	CRF11_cpx
AY371147	15186527	CRF02_AG
AY371146	15186527	CRF02_AG
AY371145	15186527	CRF02_AG
AY371143	15186527	CRF02_AG
AY371142	15186527	CRF02_AG
AY371141	15186527	CRF02_AG
AY371140	15186527	CRF02_AG
AY371139	15186527	CRF02_AG
AY371138	15186527	CRF02_AG
AY371137	15186527	CRF02_AG
AY371136	15186527	CRF02_AG
AY371134	15186527	CRF02_AG
AY371132	15186527	CRF02_AG
AY371131	15186527	CRF02_AG
AY371130	15186527	CRF02_AG
AY371129	15186527	CRF02_AG
AY371128	15186527	CRF02_AG
AY371127	15186527	CRF02_AG
AY371126	15186527	CRF02_AG
AY371125	15186527	CRF02_AG
AY371124	15186527	CRF02_AG
AY371123	15186527	CRF02_AG
AY371122	15186527	CRF02_AG
AY371121	15186527	G
DQ826727	Unpublished	CRF25_cpx
DQ826726	Unpublished	CRF25_cpx
DQ017383	16438650	N
DQ017382	16438650	N
AY772535	15929705	G
AJ271370	15199313	N
AJ249239	10659053	K
AJ249237	10659053	F2
AJ249236	10659053	F2
AJ239083	10438826	CRF02_AG
AJ006022	9734396	N
AY623602	15321704	O

AY618998	15321704	O
AY532635	15320995	N
AY271690	12954230	CRF02_AG
AF492624	12201907	CRF11_cpx
AF492623	12201907	CRF11_cpx
AF460974	12201907	CRF13_cpx
AF460972	12201907	CRF13_cpx
AF377955	11448170	CRF02_AG
AF377954	11448170	CRF02_AG
L20571	8107219	O
FJ389367	19361281	G
FJ389366	19361281	G
FJ389365	19361281	G
FJ389364	19361281	G
FJ389363	19361281	G
GQ229529	20812894	CRF22_01A1
AB485667	Unpublished	O
AB485666	Unpublished	O
EU743964	Unpublished	A1
EU743963	20812894	A1
FN392876	20001521	CRF45_cpx
GU201516	20426823	A2
GU201514	20426823	CRF02_AG
GU201513	20426823	CRF02_AG
GU201512	20426823	CRF02_AG
GU201511	20426823	CRF02_AG
GU201508	20426823	A1
GU201505	20426823	F2/CRF01_AE recombinant
GU201504	20426823	CRF02_AG
GU201500	20426823	CRF02_AG
GU201499	20426823	CRF02_AG
GU201498	20426823	CRF02_AG
GU201497	20426823	CRF02_AG
GU201495	20426823	CRF02_AG
GU201494	20426823	CRF02_AG
GQ324962	20059396	N
GQ324959	20059396	N
GQ324958	20059396	N
GU237072	20518650	J
HQ179987	21084486	P
JN864059	22549382	A1

JN864057	22549382	CRF02_AG
JN864055	22549382	CRF02_AG
JN864053	22549382	CRF02_AG
JN864051	22549382	CRF22_01A1
JN864049	22549382	CRF22_01A1
JN864047	22549382	A1
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JN864052	22549382	CRF02_AG
JN864050	22549382	A1
JN864048	22549382	A1
JX140673	Unpublished	F2
JX140647	Unpublished	CRF02_AG
JX140676	Unpublished	G
JX140672	Unpublished	F2
JX140670	Unpublished	D
JX140646	Unpublished	CRF02_AG
KF716465	Unpublished	CRF22_01A1
KF716464	Unpublished	CRF02_AG
KF716463	Unpublished	CRF22_01A1
KF716462	Unpublished	CRF22_01A1
KF716461	Unpublished	CRF22_01A1
KF716460	Unpublished	CRF22_01A1
KF859740	Unpublished	CRF02_AG
KF859739	Unpublished	CRF02_AG
KP109503	Unpublished	CRF11_cpx
KP109502	Unpublished	G
KP109501	Unpublished	D
KP109500	Unpublished	CRF22_01A1
KP109499	Unpublished	CRF22_01A1
KP109498	Unpublished	CRF22_01A1
KR822830	Unpublished	CRF11_cpx
KP718938	Unpublished	CRF11_cpx
KP718937	Unpublished	CRF11_cpx
KP718936	Unpublished	CRF11_cpx
KP718935	Unpublished	CRF11_cpx
KP718934	Unpublished	CRF11_cpx
KP718933	Unpublished	URF
KP718932	Unpublished	URF
KP718931	Unpublished	CRF18_cpx
KP718930	Unpublished	CRF01_AE

KP718929	Unpublished	CRF11_cpx
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KP718927	Unpublished	URF
KP718926	Unpublished	CRF13_cpx
KP718925	Unpublished	G
KP718924	Unpublished	CRF13_cpx
KP718923	Unpublished	G
KP718922	Unpublished	CRF02_AG
KP718921	Unpublished	URF
KP718920	Unpublished	CRF11_cpx
KP718919	Unpublished	CRF45_cpx
KP718918	Unpublished	A1
KP718917	Unpublished	CRF37_cpx
KP718916	Unpublished	D
KP718915	Unpublished	G
KP718914	Unpublished	CRF11_cpx
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KR017778	26354000	CRF11_cpx
KR017777	26354000	CRF02_AG
KR017776	26354000	G
KR017774	26354000	CRF36_cpx
KR017773	26354000	CRF02_AG
KR017772	26354000	URF
KR017771	26354000	CRF02_AG
KU168295	26699702	O
KU168294	26699702	O
KU168293	26699702	O
KU168285	26699702	O
KU168281	26699702	O
KU168265	26699702	CRF02_AG
KU168311	26699702	A1
KU168310	26699702	CRF02_AG
KU168307	26699702	CRF02_AG
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KU168304	26699702	CRF02_AG
KU168303	26699702	CRF02_AG
KU168302	26699702	G
KX228824	Unpublished	CRF02_AG
KX228823	Unpublished	CRF02_AG

KX228819	Unpublished	A1
KX228817	Unpublished	CRF22_01A1
KX228816	Unpublished	CRF22_01A1
KX228809	Unpublished	F2
KX398187	Unpublished	CRF02_AG
KX579838	Unpublished	O
KU749422	Unpublished	F2
KU749421	Unpublished	CRF02_AG
KU749420	Unpublished	F2
KU749419	Unpublished	CRF02_AG
KY498771	28193549	N
KY658700	Unpublished	CRF11_cpx
KM438032	Unpublished	M/O Recombinant
KM438031	Unpublished	M/O Recombinant
MF767262	29575910	N

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