

Table S1. List of PCV2 strains sequenced in this study, source, geographical origin and GenBank accession number.
(n=57)

Strain	Source	Municipality	Province	GenBank Accession Number
567	Ln mesenteric	San Gavino Monreale	Sud Sardegna	OR19918
563	Lung	San Gavino Monreale	Sud Sardegna	OR19919
462	Ln mediastinal	San Gavino Monreale	Sud Sardegna	OR19920
389	Spleen	San Gavino Monreale	Sud Sardegna	OR19921
393	Kidney	San Gavino Monreale	Sud Sardegna	OR19922
467	Lung	San Gavino Monreale	Sud Sardegna	OR19923
77913	Placenta	Usellus	Oristano	OR19924
77248-1	Foetus brain	Gonnosfanadiga	Sud Sardegna	OR19925
77248-2	Placenta	Gonnosfanadiga	Sud Sardegna	OR19926
69113-1	Foetus spleen	Sanluri	Sud Sardegna	OR19927
69113-2	Foetus brain	Sanluri	Sud Sardegna	OR19928
69113-3	Foetus spleen	Sanluri	Sud Sardegna	OR19929
69113-4	Foetus brain	Sanluri	Sud Sardegna	OR19930
52803	Lung	Villamassargia	Sud Sardegna	OR19931
63193-1	Heart	Orosei	Nuoro	OR19932
63193-2	Lung	Orosei	Nuoro	OR19933
71617	Heart	Talana	Nuoro	OR19934
74248	Foetus brain	Pattada	Sassari	OR19935
75675-1	Foetus spleen	Irgoli	Nuoro	OR19936
75675-2	Foetus spleen	Irgoli	Nuoro	OR19937
35114	Serum	Austis	Nuoro	OR19938
37369	Serum	Berchidda	Hap_22	OR19939
37203	Serum	Berchidda	Hap_22	OR19940
15411-1	Foetus spleen	Sassari	Hap_24	OR19941
15411-2	Foetus spleen	Sassari	Hap_24	OR19942
15411-3	Foetus brain	Sassari	Hap_24	OR19943
80282-3	spleen	Talana	Nuoro	OR19944
80282-5	spleen	Talana	Nuoro	OR19945
80282-7	spleen	Talana	Nuoro	OR19946
80282-10	spleen	Talana	Nuoro	OR19947
71738-1	spleen	Urzulei	Nuoro	OR19948
71738-2	spleen	Urzulei	Nuoro	OR19949
79969	spleen	Monti	Sassari	OR19950
79971	spleen	Ittireddu	Sassari	OR19951
79978-1	spleen	Nughedu San Nicolò	Sassari	OR19952
79978-2	spleen	Nughedu San Nicolò	Sassari	OR19953
79978-3	spleen	Nughedu San Nicolò	Sassari	OR19954
80042	spleen	Bono	Sassari	OR19955
80064	spleen	Bono	Sassari	OR19956
80067-1	spleen	Benetutti	Sassari	OR19957
80067-2	spleen	Benetutti	Sassari	OR19958
80067-3	spleen	Benetutti	Sassari	OR19959
80067-4	spleen	Benetutti	Sassari	OR19960
80099	spleen	Benetutti	Sassari	OR19961
80104	spleen	Alà dei Sardi	Sassari	OR19962
80117-1	spleen	Bonorva	Sassari	OR19963
80117-2	spleen	Bonorva	Sassari	OR19964
80143-1	spleen	Illorai	Sassari	OR19965
80143-4	spleen	Illorai	Sassari	OR19966
80143-5	spleen	Illorai	Sassari	OR19967
80133	spleen	Arzachena	Sassari	OR19968
80140	spleen	Pattada	Sassari	OR19969
63229-1	spleen	Pattada	Sassari	OR19970
63229-2	spleen	Pattada	Sassari	OR19971
63168-2	spleen	Oschiri	Sassari	OR19972

63168-4	spleen	Oschiri	Sassari	OR19973
63388	spleen	Tula	Sassari	OR19974