

Additional file 3. Detection of specific-IgG, IgM or IgA immunoglobulin classes at the end of trial vaccinations (week 13).

	Patients	IgG	IgM	IgA
Group Ag+V	CQ03	+	-	-
	CH04	-	-	-
	CH17	+	-	-
	CH24	+	-	-
	CH32	+	-	+
	JL41	+	+	+
	JL42	+	-	-
Group Ag+2V	CH15	-	-	-
	CH19	+	+	+
	CH27	+	-	-
	CH39	-	-	-
	JL49	+	+	-
	JL22	-	-	-
	CH06	+	-	+
	CQ44	-	-	-
Group 2Ag+V	CH16	+	+	+
	JL29	+	-	+
	JL30	+	-	-
	CH33	+	+	+
	JL43	+	-	-
	CH50	+	-	+
	JL12	+	+	-
CH35	+	-	+	
Group 1/2Ag+AI	CH08	-	-	-
	CH09	-	-	-
	CH20	-	-	-
	CH25	-	-	-
	CH46	-	-	-
	JL47	-	-	-
	CH18	-	-	-
JL23	+	-	-	
Group Ag+AI	CH07	+	-	-
	CQ13	+	-	-
	CQ28	+	-	-
	CH37	+	-	-
	CH45	+	+	+
	JL48	+	-	+
	JL11	-	-	-
	CH10	+	-	-

(+): sample meets acceptance criteria for antibody titer; (-): sample does not meet acceptance criteria for antibody titer.