

patient-ID	IFN-g positive CD8 T cells (in %)	core-specific										GENDER	HLA				Genotype	HBV DNA [IU/ml] at time of PBMC	HBsAg	HBeAg	anti-HBe	anti-HBc	anti-HBc	Anti-HCV	HCV coinfection	AST	ALT	Bilirubin	INR	Albumin	Therapy	
		F	L	P	S	D	F	P	S	V	HLA-A1		HLA-A2	HLA-B1	HLA-B2																	
patient-001	0.71	nd	nd	nd	nd	nd	nd	nd	nd	nd	m	0101	0301	1302	3501	D	4	neg	pos	neg	pos	neg	neg	neg	20	34	0.73	1.1	4.6	No		
patient-002	0	nd	nd	nd	nd	nd	nd	nd	nd	nd	m	0201	2402	5101	5201	D	89	187	neg	pos	neg	pos	neg	neg	17	14	0.31	1	4.2	No		
patient-003	0	nd	nd	nd	nd	nd	nd	nd	nd	nd	w	0201	2901/02	0705/06	5701	A	8690	20914	neg	nd	neg	pos	neg	neg	neg	30	39	0.42	1	4.3	No	
patient-004	0.086	nd	nd	nd	nd	nd	nd	nd	nd	nd	m	0201	1101	5001	5801	D	<20	12	neg	nd	neg	pos	neg	neg	neg	29	39	0.26	0.9	4.4	nd	
patient-005	0.33	nd	nd	nd	nd	nd	nd	nd	nd	nd	w	0201	0301	3701	5201	D	441	865	neg	nd	neg	pos	neg	neg	neg	18	18	0.41	1	3.8	No	
patient-006	0	nd	nd	nd	nd	nd	nd	nd	nd	nd	m	0201	2601	0702	4402	D	<20	3320	neg	pos	neg	pos	neg	neg	neg	25	23	0.57	1	4.2	Yes	
patient-007	0	-	-	-	-	-	-	-	-	-	m	2402	2402	1402	5101	D	<357	246	neg	pos	neg	pos	neg	neg	neg	31	26	0.6	nd	4.5	nd	
patient-008	0.351	-	-	-	-	-	-	-	-	-	w	2301	2301	5101	5101	D	<357	neg	7522	neg	pos	neg	pos	neg	neg	17	16	0.9	1.04	4.3	nd	
patient-009	0.12	-	-	-	-	-	-	-	-	-	m	0206	6801	0801	5501	D	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	No		
patient-010	0.081	-	-	-	-	-	-	-	-	N	I	m	0101	0201	0801	5601	A	<357	6416	neg	pos	neg	pos	neg	neg	nd	21	35	0.1	1	4.2	nd
patient-011	0.093	nd	nd	nd	nd	nd	nd	nd	nd	nd	m	3301	6802	1402	3508	D	22390	24065	neg	pos	neg	pos	neg	neg	neg	21	28	0.4	1.01	4.2	No	
patient-012	0.043	-	-	-	-	-	-	-	-	-	m	0301	3002	0702	0801	D	<357	364	neg	pos	neg	pos	neg	neg	neg	24	25	0.6	1.02	4.2	nd	
patient-013	1.97	-	-	-	-	-	-	-	-	-	m	0205	3301	3501	5801	D	<357	10237	neg	pos	neg	pos	neg	neg	neg	28	52	1.5	1.1	4.4	nd	
patient-014	1.74	-	-	-	-	-	-	-	-	T	m	0206	1101	0801	5108	A	1509	453	neg	pos	neg	pos	neg	neg	neg	18	29	0.5	0.98	4.2	No	
patient-015	0.37	nd	nd	nd	nd	nd	nd	nd	nd	nd	m	0101	1101	4901	5101	D	<357	8089	pos	neg	neg	pos	neg	neg	neg	49	68	0.6	1.08	4.3	Yes	
patient-016	0	-	-	-	-	-	-	-	-	-	m	0205	0302	4901	5101	D	6027	4695	neg	pos	neg	pos	neg	neg	neg	15	25	0.5	1.08	4.6	No	
patient-017	0	nd	nd	nd	nd	nd	nd	nd	nd	nd	m	2402	2402	2702	5108	D	<357	3210	pos	neg	neg	pos	neg	neg	neg	14	25	0.6	1.01	4.6	Yes	
patient-018	0	-	-	-	-	-	-	-	-	-	m	0301	0301	1302	3508	D	<357	5974	neg	pos	neg	pos	neg	neg	neg	15	19	1.2	1.02	4.7	nd	
patient-019	0.701	-	-	-	-	-	-	-	-	-	m	0201	2601	0702	0702	D	<357	206	neg	pos	neg	pos	neg	neg	neg	23	46	0.4	nd	nd	nd	
patient-020	0.037	-	-	-	-	-	-	-	-	-	m	0101	3101	3501	3701	D	2036	49666	pos	neg	neg	pos	neg	neg	neg	27	36	11.5	0.95	4.7	No	
patient-021	0.408	-	-	-	-	-	-	-	-	-	m	1101	2501	1801	5601	D	<357	1957	neg	neg	neg	pos	neg	neg	neg	30	48	1.8	1.13	4.9	nd	
patient-022	0	-	-	-	-	-	-	-	-	-	m	2301	2301	3501	4501	D	<357	18144	neg	pos	neg	pos	neg	neg	neg	31	47	0.6	1.09	4.1	nd	
patient-023	1.959	-	-	-	-	-	-	-	-	-	m	0301	6601	3503	4102	D	<357	34041	neg	pos	neg	pos	neg	neg	neg	17	38	0.5	0.96	4.6	nd	
patient-024	0	-	-	-	-	-	-	-	-	-	w	0201	3001	3501	5301	D	<357	1006	pos	neg	neg	pos	neg	neg	neg	49	72	0.9	1.16	4.6	Yes	
patient-025	0.486	-	-	-	-	-	-	-	-	-	w	0101	0201	4402	5701	A	<357	2924	neg	pos	neg	pos	neg	neg	neg	14	22	0.5	0.96	4.6	nd	
patient-026	1.12	-	-	-	-	-	-	-	-	-	m	0101	0201	4901	5101	D	1528	1613	neg	pos	neg	pos	neg	neg	neg	14	23	1.4	nd	4.7	No	
patient-027	0	-	-	-	-	-	-	-	-	-	m	0301	2301	3501	5001	D	<357	736	neg	pos	neg	pos	neg	neg	neg	13	23	0.5	0.99	4.3	nd	
patient-028	1.69	nd	nd	nd	nd	nd	nd	nd	nd	nd	m	0201	0201	0702	5101	A	<357	22621	neg	pos	neg	pos	neg	neg	neg	25	28	0.3	1.03	4.4	Yes	
patient-029	0	nd	nd	nd	nd	nd	nd	nd	nd	nd	w	1102	3301	4001	5102	D	<357	83	pos	neg	neg	pos	neg	neg	neg	20	21	0.7	0.96	4.6	Yes	
patient-030	0	-	-	-	-	-	-	-	-	-	m	0201	2901	4501	5101	D	<357	11671	neg	pos	neg	pos	neg	neg	neg	26	39	0.8	1.11	4.3	nd	
patient-031	0.398	nd	nd	nd	nd	nd	nd	nd	nd	nd	m	0201	6801	1801	4402	D	188860	3486	neg	pos	neg	pos	neg	neg	neg	50	112	0.5	0.97	5.3	Yes	
patient-032	0.03	-	-	-	-	-	-	-	-	-	m	2301	2402	0702	4901	D	<357	7636	neg	pos	neg	pos	neg	neg	neg	15	22	0.7	1	4.3	nd	
patient-033	0.172	-	-	-	-	-	-	-	-	-	m	0101	0201	0801	2703	A	<357	10196	neg	pos	neg	pos	neg	neg	neg	56	126	0.4	1.06	4.5	nd	
patient-034	4.66	-	-	-	-	-	-	-	-	-	m	2602	3301	1402	5101	D	7293000	14318	neg	pos	neg	pos	neg	neg	neg	70	152	0.4	1.05	4	No	
patient-035	0.011	-	-	-	-	-	-	-	-	-	m	3101	3101	3501	3501	D	<357	18771	pos	neg	neg	pos	neg	neg	neg	27	42	0.6	1.01	4.6	Yes	
patient-036	0	-	-	-	-	-	-	-	-	-	w	1101	1101	1801	5101	D	336900	37402	pos	neg	neg	pos	neg	neg	neg	25	34	0.8	1.11	4.3	No	
patient-037	0	-	-	-	-	-	-	-	-	-	w	0101	0201	3701	5101	A	<357	10113	neg	pos	neg	pos	neg	neg	neg	20	25	0.5	0.98	4.3	nd	
patient-038	14.8	-	-	-	-	-	-	-	-	-	w	0101	0201	0801	1501	A	4564	2640	neg	pos	neg	pos	neg	neg	neg	24	30	0.4	1.04	4.8	No	
patient-039	0.06	-	-	-	-	-	-	-	-	-	m	0201	2901/02	1801	4403	D	38950	900.8	neg	pos	neg	pos	neg	neg	neg	23	37	1	1.08	4.2	No	
patient-040	0	-	-	-	-	-	-	-	-	-	m	0201	6801	4101	5101	D	<357	4625	neg	pos	neg	pos	neg	neg	neg	22	27	0.7	1.07	4.6	nd	
patient-041	0	nd	nd	nd	nd	nd	nd	nd	nd	nd	m	0201	2402	0705	5001	D	179	66631	pos	neg	neg	pos	neg	neg	neg	20	54	0.6	1.11	4.9	Yes	
patient-042	0	-	-	-	-	-	-	-	-	-	m	0205	3101	4402	5001	D	174	3507	neg	pos	neg	pos	neg	neg	neg	24	39	0.6	1.04	4.7	No	
patient-043	1.713	nd	nd	nd	nd	nd	nd	nd	nd	nd	m	0201	0301	0702	3503	D	<10	4691	neg	pos	neg	pos	neg	neg	neg	16	25	0.5	1.06	4.2	Yes	
patient-044	0.356	-	-	-	-	-	-	-	-	-	m	0301	6801	0801	5701	D	<10	3972	neg	pos	neg	pos	neg	neg	neg	12	33	0.7	1.15	4.9	nd	
patient-045	0.044	nd	nd	nd	nd	nd	nd	nd	nd																							

patient-146	0.21	nd	nd	nd	nd	nd	nd	nd	nd	w	0201	6801	0702	4402	D	432	753	neg	pos	neg	pos	nd	neg	30	21	0.5	nd	nd	nd	No		
patient-147	0.3	nd	nd	nd	nd	nd	nd	nd	nd	m	0201	3201	0801	1801	D	nd	1863	pos	pos	neg	pos	neg	neg	45	65	0.4	1.02	4.9	nd	No		
patient-148	0.36	-	-	-	-	-	-	-	-	m	0201	2301	3501	4901	D	<10	4445	neg	pos	neg	pos	neg	neg	42	47	0.9	nd	nd	nd	Yes		
patient-149	0,067	-	-	-	-	-	-	-	-	w	0201	0301	1501	1801	A	73	9177	neg	pos	neg	pos	neg	neg	21	16	0.5	1.03	4.6	nd	No		
patient-150	0	nd	nd	nd	nd	nd	nd	nd	nd	m	0101	0201	0702	2703	D	31	1527	neg	pos	neg	pos	neg	neg	60	51	1.1	1.07	3.9	Yes	Yes		
patient-151	nd	-	-	-	-	-	-	-	-	m	30x4	28x4	13x4	42x4	D	20	nd	neg	nd	neg	pos	neg	neg	6	21	0.5	1	4.6	nd	No		
patient-152	3.59	-	-	-	-	-	-	-	-	w	0201	2402	2703	4402	D	1918	3114	neg	nd	neg	pos	neg	neg	28	18	0.41	1.05	4	nd	No		
patient-153	nd	-	-	-	-	-	-	-	-	w	0201	2402	0702	4402	A	4424	17599	neg	pos	neg	pos	neg	neg	28	32	0.5	0.9	4.7	nd	No		
patient-154	nd	-	-	-	-	-	-	-	-	w	0201	3101	0702	3901	A	2103	27124	neg	nd	neg	pos	neg	neg	33	22	0.58	1	4.3	nd	No		
patient-155	nd	-	-	-	-	-	-	-	-	w	0201	2901/02	0702	5701	A	13863	29523	neg	nd	neg	pos	neg	neg	25	28	0.48	1	4.6	nd	No		
patient-156	nd	-	-	-	-	-	-	-	-	m	0201	6601	0702	4102	A	961	6288,48	neg	nd	neg	pos	neg	neg	28	29	nd	1.08	4.6	nd	No		
patient-157	nd	-	-	-	-	-	-	-	-	m	0201	0235	0702	4427	A	845	7091,91	neg	nd	neg	pos	neg	neg	60	50	1	1.05	5.3	nd	No		
patient-158	nd	-	-	-	-	-	-	-	-	m	0201	0206	0702	0801	A	88553	117956	neg	nd	neg	pos	neg	neg	35	65	nd	nd	nd	nd	No		
patient-159	nd	-	-	-	-	-	-	-	-	w	0103	6601	0702	4102	A	2288	nd	neg	nd	neg	pos	neg	neg	nd	23	5	nd	nd	nd	No		
patient-160	nd	-	-	-	-	-	-	-	-	m	0201	0301	0702	A	14125	nd	neg	nd	neg	pos	neg	neg	neg	nd	40	11	nd	nd	nd	No		
patient-161	nd	-	-	-	-	-	-	-	-	w	0301	1101	0702	4402	A	17378	nd	neg	nd	neg	pos	neg	neg	neg	nd	26	11	nd	nd	nd	No	
patient-162	nd	-	-	-	-	-	-	-	-	w	0101	2601	0702	4402	D	28734	28734	neg	pos	neg	pos	neg	neg	21	20	0.39	1	4.4	nd	No		
patient-163	nd	-	-	-	-	-	-	-	-	w	0101	0702	1302	D	1350	neg	nd	neg	nd	neg	pos	neg	neg	28	16	0.54	1.1	4.8	nd	No		
patient-164	nd	-	-	-	-	-	-	-	-	w	0301	3101	0702	1518	D	7000000	61895	pos	neg	neg	pos	neg	neg	22	16	0.29	1.1	4.5	Yes	Yes		
patient-165	nd	-	-	-	-	-	-	-	-	m	0101	2601	0702	D	24543	2532	neg	pos	neg	pos	neg	neg	neg	33	41	0.5	0.9	4.7	nd	No		
patient-166	0,294	-	-	-	-	-	-	-	-	w	0201	2601	0702	4402	D	1828	91	neg	nd	neg	pos	neg	neg	neg	39	38	0.7	1.1	4.5	No	No	
patient-167	nd	-	-	-	-	-	-	-	-	m	0201	0702	3501	D	17544	1666	neg	nd	neg	pos	neg	neg	neg	25	30	0.97	1	4.4	nd	No		
patient-168	nd	-	-	-	-	-	-	-	-	m	1101	2403	0702	3502	D	354309	2178	neg	pos	neg	pos	neg	neg	29	35	0.32	1.1	4.1	nd	No		
patient-169	nd	-	-	-	-	-	-	-	-	w	0201	0301	0702	D	3215	4947	neg	nd	neg	pos	neg	neg	neg	24	26	0.36	1	4.2	nd	No		
patient-170	nd	-	-	-	-	-	-	-	-	m	0301	3101	0702	4801	D	102	33	neg	nd	neg	pos	neg	neg	neg	23	35	0.23	1	4.3	No	No	
patient-171	nd	-	-	-	-	-	-	-	-	w	0201	0702	3501	D	1274	6506,61	neg	nd	neg	pos	neg	neg	neg	47	53	0.7	1	4.9	nd	No		
patient-172	nd	-	-	-	-	-	-	-	-	w	0201	0702	1501	D	6961546	nd	pos	nd	neg	pos	neg	neg	neg	77	55	0.7	1.01	4.2	nd	No		
patient-173	nd	-	-	-	-	-	-	-	-	m	0301	3303	0702	1501	D	131344	6059,24	neg	nd	neg	pos	neg	neg	neg	64	55	nd	1	4.5	nd	No	
patient-174	nd	-	-	-	-	-	-	-	-	w	0201	2301	0702	4403	D	2974	nd	neg	nd	neg	pos	neg	neg	neg	nd	91	0.2	1.09	4.6	nd	No	
patient-175	nd	-	-	-	-	-	-	-	-	w	2601	3101	0702	5101	D	1918	nd	neg	nd	neg	pos	neg	neg	neg	35	52	0.3	1.02	4.6	nd	No	
patient-176	nd	-	-	-	-	-	-	-	-	m	0101	0201	0702	5701	D	12251	nd	neg	nd	neg	pos	neg	neg	neg	30	19	0.3	0.87	4.5	No	No	
patient-177	nd	-	-	-	-	-	-	-	-	w	0201	1101	0702	4405	D	851	nd	neg	nd	neg	pos	neg	neg	neg	24	20	nd	nd	5	No	No	
patient-178	nd	-	-	-	-	-	-	-	-	w	0201	2402	0702	4403	D	13524	nd	neg	nd	neg	pos	neg	neg	neg	26	20	0.2	1	4.4	nd	No	
patient-179	nd	-	-	-	-	-	-	-	-	w	0301	2501	0702	5701	D	24545	2275	neg	pos	neg	pos	neg	neg	neg	88	192	0.18	1.1	4.2	nd	No	
patient-180	nd	-	-	-	-	-	-	-	-	m	0101	0201	0702	1801	D	29455901	18577,07	neg	nd	neg	pos	neg	neg	neg	65	140	0.3	1.27	4.2	nd	No	
patient-181	nd	-	-	-	-	-	-	-	-	m	0201	2402	0702	1801	D	145426465	nd	pos	nd	neg	pos	neg	neg	neg	127	324,3	2,9	1,08	nd	nd	Yes	
patient-182	nd	-	-	-	-	-	-	-	-	nd	0101	0201	0702	5701	D	139000000	25195	pos	nd	neg	pos	neg	neg	neg	132	253	nd	nd	nd	nd	Yes	
patient-183	nd	-	-	-	-	-	-	-	-	nd	0101	0301	0702	1402	D	7550	9934	neg	nd	neg	pos	neg	neg	neg	56	85	nd	nd	nd	nd	Yes	
patient-184	nd	-	-	-	-	-	-	-	-	m	0201	3201	0702	3501	D	721	368	neg	nd	neg	pos	neg	neg	neg	nd	21	7	nd	nd	nd	No	
patient-185	nd	-	-	-	-	-	-	-	-	m	2301	3101	0702	3503	D	513	250	neg	nd	neg	pos	neg	neg	neg	nd	24	5	nd	nd	nd	No	
patient-186	nd	-	-	-	-	-	-	-	-	w	0101	0301	0702	5701	D	1380	nd	neg	nd	neg	pos	neg	neg	neg	nd	27	6	nd	nd	nd	No	
patient-187	nd	-	-	-	-	-	-	-	-	w	0101	1101	0705	5001	A	5660	5278	neg	nd	neg	pos	neg	neg	neg	26	29	nd	nd	nd	nd	No	
patient-188	nd	-	-	-	-	-	-	-	-	w	0301	0705	A	14142	13716	neg	nd	neg	pos	neg	neg	neg	neg	33	32	nd	nd	nd	nd	No	No	
patient-189	nd	-	-	-	-	-	-	-	-	m	2901	6801	0705	5101	D	1290	6486,29	neg	nd	neg	pos	neg	neg	neg	neg	29	29	1.1	1	4.5	nd	No
patient-190	nd	-	-	-	-	-	-	-	-	m	3101	3402	0705	1402	D	35631	2275	neg	pos	neg	pos	neg	neg	neg	7	nd	nd	nd	nd	nd	No	
patient-191	nd	-	-	-	-	-	-	-	-	w	0101	0201	0801	3901	A	5442	22966	neg	pos	neg	pos	neg	neg	neg	20	17	0.37	1	4.5	nd	No	
patient-192	nd	-	-	-	-	-	-	-	-	w	0301	2402	0801	5001	A	173	298	neg	nd	neg	pos	neg	neg	neg	24	28	0.43	1	4.7	nd	No	
patient-193	nd	-	-	-	-	-	-	-	-	m	0101	2601	0801	3501	A	283,6	3447,09	neg	nd	neg	pos	neg	neg	neg	38	52	0.5	0.91	4.7	nd	No	
patient-194	nd	-	-	-	-	-	-	-	-	m	0205	2501	0801	5001	A	2538,8	7398,42	neg	nd	neg	pos	neg	neg	neg	36	52	0.6	0.97	4.3	nd	No	
patient-195	nd	-	-	-	-	-	-	-	-	w	0101	0201	0801	5201	A	566	609	neg	nd	neg	pos	neg	neg	neg	27	28	0.3	0.99	4.7	nd	No	
patient-196	nd	-	-	-	-	-	-	-	-	m	0101	2402	0801	A	515	6682,83	neg	nd	neg	pos	neg	neg	neg	34	25	nd	1.02	nd	nd	nd	No	
patient-197	nd	-	-	-	-	-	-	-	-	w	0101	3301	0801	1402	A	1004500	6326,95	neg	nd	neg	pos	neg	neg	neg	71	64	0.3	0.93	4.4	nd	No	
patient-198	nd	-	-	-	-	-	-	-	-	m	0101	1101	0801	4402	A	194789	6962	neg	nd	neg	pos	neg	neg	neg	32	48	nd	nd	nd	nd	No	
patient-199	nd	-	-	-	-	-	-	-	-	w	0101	3201	0801	A	2955	25227	neg	nd	neg	pos	neg	neg	neg	neg	32	57	nd	nd	nd	nd	Yes	
patient-200	nd	-	-	-	-	-	-	-	-	w	2402	2501	0801	1801	A	1397	nd	neg	nd	neg	pos	neg	neg	neg	nd	27	5	nd	nd	nd	No	
patient-201	nd	-	-	-	-	-	-	-	-	m	0101	0301	0801	1801	D	504807	nd	neg	nd	neg	pos	neg	neg	neg	88	192	0.18	1.1	4.2	nd	No	
patient-202	nd	-	-	-	-	-	-	-	-	w	0101	1101	0801	1801	D	2008	258	neg	nd	neg	pos	neg	neg	neg	nd	21	14	0.41	1.1	4.5	nd	No
patient-203	nd	-	-	-	-	-	-	-	-	m	2x4	2601	0801	5108	D	461	10891	neg	nd	neg	pos	neg	neg	neg	32	51	1.63	1	4.7	nd	No	
patient-204	nd	-	-	-	-	-																										

patient-440	nd	-	-	-	-	-	-	-	-	m	nd	nd	nd	nd	D	584640	13204	pos	neg	neg	pos	neg	neg	nd	nd	nd	nd	nd	No	
patient-441	nd	-	-	-	-	-	-	-	-	w	nd	nd	nd	nd	D	388963		pos	pos	neg	neg	pos	neg	neg	nd	nd	nd	nd	nd	No
patient-442	0,86	nd	nd	nd	nd	nd	nd	nd	nd	w	0201	3201	3501	4402	nd	<10	pos	neg	pos	neg	pos	neg	neg	nd	17	0,4	1,01	nd	Yes	
patient-443	0,03	nd	nd	nd	nd	nd	nd	nd	nd	w	0101	0101	1402	3501	nd	<11	pos	nd	nd	neg	pos	neg	neg	23	14	0,3	0,98	4,8	Yes	
patient-444	1,26	-	-	-	T	-	-	Y	-	-	m	0101	0201	0801	3503	D	<10	1369,1	neg	pos	neg	neg	neg	neg	33,28	26	1,1	1,04	4,5	Yes
patient-445	1,98	-	-	-	-	-	-	-	-	w	3002	3201	3501	4901	D	273	nd	neg	pos	neg	pos	neg	neg	18	16	1	1,09	4,9	No	
patient-446	0,037	-	-	-	-	-	-	-	-	m	0301	2402	1402	3502	D	<10	2884,2	nd	nd	neg	pos	nd	nd	32	46	0,6	1,13	5,3	Yes	
patient-447	0,32	-	-	-	-	-	-	-	-	w	0101	0201	3503	5105	D	543	nd	nd	nd	neg	pos	nd	neg	22	17	0,9	0,98	4,4	No	
patient-448	0,22	nd	nd	nd	nd	nd	nd	nd	nd	m	2902	6801	3501	5501	nd	87	nd	neg	pos	neg	pos	neg	neg	32	47	0,4	1,02	9,1	No	
patient-449	0,1	nd	nd	nd	nd	nd	nd	nd	nd	w	2402	6801	0705	3503	D	27	pos	neg	pos	neg	pos	neg	neg	32	74	0,4	1,02	4,6	No	
patient-450	0,036	-	-	-	-	-	-	-	-	m	1101	2301	1302	3501	D	14	pos	neg	pos	neg	pos	neg	neg	22	29	0,4	1,7	4,7	Yes	
patient-451	0,02	-	-	-	-	-	-	-	-	w	1101	3303	3501	3501	D	929	pos	neg	pos	neg	pos	neg	neg	20	13	0,3	1,03	4,2	No	
patient-452	0,046	-	-	-	-	-	-	-	-	m	0201	2301	3501	5101	D	<10	7004,37	neg	pos	neg	pos	neg	neg	42	52	0,4	1,06	nd	Yes	
patient-453	2,02	nd	nd	nd	nd	nd	nd	nd	nd	m	3601	7401	3501	3901	nd	152	pos	neg	pos	neg	pos	nd	neg	23	31	nd	nd	nd	No	
patient-454	0,069	-	-	-	-	-	-	-	-	f	0301	2402	3501	3501	D	<10	pos	neg	pos	neg	pos	nd	neg	24	17	0,4	1,07	4,7	Yes	
patient-455	0,1	-	-	-	-	-	-	-	-	m	0201	3501	5001	5001	nd	892	nd	nd	nd	neg	pos	neg	nd	24	36	0,5	0,99	4,8	No	
patient-456	2,08	nd	nd	nd	nd	nd	nd	nd	nd	m	0201	0301	3503	5001	nd	17	pos	nd	nd	neg	pos	neg		31	32	0,7	0,99	4,4	Yes	
patient-457	3,93	-	-	-	-	-	-	-	-	w	0201	3201	3501	3801	nd	35	nd	neg	pos	neg	pos	neg	neg	18	15	0,4	1,01	4,8	No	
patient-458	0,11	nd	nd	nd	nd	nd	nd	nd	nd	w	0201	0302	0801	3501	nd	<10	617,45	nd	nd	neg	pos	neg	nd	nd	nd	nd	nd	nd	Yes	
patient-459	0,035	-	-	-	T	-	-	-	-	w	1101	3101	3501	3502	A	<10	pos	neg	pos	neg	pos	neg	neg	nd	nd	nd	nd	nd	nd	Yes
patient-460	2,68	-	-	-	T	-	-	-	-	m	0101	0201	3503	5101	D	<10	pos	nd	nd	neg	pos	neg	neg	29	43	0,3	0,98	4,8	Yes	
patient-461	0,17	nd	nd	nd	nd	nd	nd	nd	nd	w	0217	2402	3501	4801	nd	12	pos	neg	pos	neg	pos	neg	neg	21	23	0,4	0,99	4,6	Yes	
patient-462	nd	-	-	-	-	-	-	-	-	w	1101	2601	3501	3501	nd	<10	pos	nd	nd	neg	pos	nd	neg	26	20	0,3	1,08	4,8	Yes	
patient-463	nd	-	-	-	-	-	-	-	-	m	0101	0301	1302	3502	D	<10	pos	nd	nd	neg	pos	nd	neg	25	24	0,6	1,06	4,4	Yes	
patient-464	nd	-	-	-	-	-	-	-	-	w	0201	2402	3501	4001	nd	<10	neg	nd	nd	neg	pos	neg	neg	15	13	0,5	nd	4,6	nd	