

**Table S3 Biochemical measurements**

Patient		1-III	1-V	2-III	3-III	4-III	4-IV	5-III	6-III	7-III	
<b>Complete blood count</b>											
	units										
WBC	x10 <sup>3</sup> /μL	6.5	7.2	5.4	11.7	8.31	5.75	9.31	7.08	NA	
Basophils	%	1	NA	NA	NA	0.1	0.3	0.4	0.3	NA	
Eosinophils	%	0	NA	NA	NA	1.9	0.9	7.7	2.3	NA	
Monocytes	%	4	NA	NA	NA	3.7	4.7	4.4	3.4	NA	
Neutrophils	%	65	NA	NA	NA	67.8	55.1	53.5	58.7	NA	
Lymphocytes	%	28	NA	NA	NA	26.5	39	34	35.3	NA	
Platelets	x10 <sup>3</sup> /μL	314	338	312	260	324	408	390	255	NA	
RBC	x10 <sup>6</sup> /μL	5.06	4.65	5.32	5.01	4.63	5.01	5.13	4.83	NA	
Ferritin	ng/ml	NA	NA	301.3	NA	NA	NA	NA	NA	NA	
Hematocrit	%	42.5	35.3	47.2	44.3	41.2	41.3	41.8	41.4	NA	
Hemoglobin	g/dL	14.2	12.4	16.1	14.7	13.5	13.6	13.5	13.3	NA	
Iron	mg/dL	NA	NA	90	NA	NA	NA	75	NA	NA	
MCH	pg	28.1	26.7	30.3	29.4	29.2	27.1	26.3	27.5	NA	
MCHC	g/dL	33.4	35.1	34.1	33.3	32.8	32.9	32.3	32.1	NA	
MCV	fL	84	76	88.8	88.3	89	82.4	81.5	85.7	NA	
unsaturated iron-binding capacity (UIBC)	mg/dL	NA	NA	285	NA	NA	NA	361	NA	NA	
<b>Biochemistry</b>											
	units										
Aspartate aminotransferase (AST)	U/L	24	NA	30	12	30	27	27	22	31	
Alanine aminotransferase (ALT)	U/L	13	NA	NA	NA	8	16	16	22	NA	
Alkaline phosphatase	U/L	159	172	NA	58	101	91	91	461	NA	
Albumin	g/dL	NA	NA	NA	NA	NA	4.6	NA	4.9	NA	
Blood urea nitrogen (BUN)	mg/dL	6	NA	10	NA	11.3	6.2	18.2	11.2	NA	
Creatinine	mg/dL	0.21	NA	0.59	0.49	0.3	0.4	0.4	0.5	0.42	
Calcium	mg/dL	10	10	NA	10	NA	10.1	9.9	9.7	NA	
Phosphorus	mg/dL	4.4	4.8	NA	4.1	NA	NA	5.4	5.6	NA	
Creatine kinase	U/L	89	NA	NA	NA	97	NA	NA	68	NA	
IGF-1	ng/mL	175	NA	NA	589.58	469.1	123.9	146.5	257	164	
Thyroid-stimulating hormone (TSH)	mU/mL	2.17	NA	2.4	9.99	NA	4.01	NA	4.06	NA	
Free T4	ng/dL	1.25	NA	1.14	1.14	NA	1.12	NA	1	NA	
Total thyroxine	ng/dL	8.74	NA	NA	6.28	NA	NA	NA	NA	9.26	
Glucose (fasting)	mg/dL	98	NA	94	86	93	70	107	118	90	
Total cholesterol	mg/dL	114	NA	188	137	NA	216	NA	NA	189	
HDL-cholesterol	mg/dL	52	NA	66	51	NA	66	NA	NA	NA	
LDL-cholesterol	mg/dL	60	NA	115	78	NA	133	NA	NA	100	
Triglycerides	mg/dL	51	NA	66	91	NA	80	NA	NA	57	
LDH	U/L	391	NA	NA	NA	462	244	264	724	NA	
Lactic acid	mmol/L	2	NA	NA	NA	1.3	3.98	2.17	NA	NA	