

Supplementary Table 1. Characteristics of patients from whom samples were used for this project

#	Sex	Prior Rx#	100 nM AMG	300 nM AMG	Binet	Rai	PB_W BC	PB_HGB	PB_PLT	PB_Neut	PB_Lymph	PB_IgG	PB_IgA	PB_IgM	PB_LDH	PB_B2M	IGHV	Zap-70	FISH	Karyotype
455	M	0	5.2	12.7	C	IV	22.4	11.9	53	5	94	518	44	44	167	4.6	UM	POS	11Q	46,XY,del(6)(q13q23)[7]/46,XY[13]
7043	M	0	21.3	26.5	A	I	14.2	14.4	213	55	44	833	108	50	196	2.7	UM	POS	11Q	46,XY,del(11)(q13q23)[4]/46,XY[16]
749	M	0	16.17	24.8	C	III	102	9.3	119	5	90	979	269	22	216	3.7	UM	POS	11Q	ND
356	M	0	19.2	17.7	A	I	159	11.7	212	7	93	801	67	17	222	3.6	UM	POS	11Q	ND
213	M	0	70.7	72.6	A	I	221	14.2	142	5	94	1070	36	354	337	4	UM	POS	13Q	46,XY,del(6)(p21.3p23),ins(13;?)(q14;?)[4]/46,XY[16]
595	M	0	36.6	48.5	A	0	95.6	13.2	114	4	95	751	308	46	347	2.5	UM	POS	11Q	ND
652	M	0	25.6	44.1	A	I	22	14.9	272	35	62	1360	221	67	347	2	UM	ND	11Q	ND
221	F	0	62.1	72.9	A	I	14.4	13.3	340	37	60	970	270	52	360	1.4	UM	POS	13Q	46,XX[20]
3056	M	2	29.4	52.8	A	I	5.7	12.9	131	70	23	717	77	34	371	1.8	MU	ND	ND	46,XY{20}
659	F	0	20.6	18.7	A	I	10.8	13.5	249	22	68	982	99	46	376	1.5	ND	POS	ND	ND
3552	M	0	ND	30.5	A	0	21.5	15.6	177	13	83	1030	198	156	382	1.5	MU	ND	ND	46XY[18]
839	F	0	45.2	55.2	A	I	30.5	14.3	188	16	77	826	208	88	386	2	MU	NEG	ND	46,XX{17}
720	F	0	29.4	44.9	B	I	18.7	12.2	204	11	87	1268	143	241	387	2.2	UM	NEG	ND	ND
291	F	0	34.1	54.6	A	0	18.5	12.5	232	31	66	1081	228	46	387	1.6	M	NEG	13Q	43,X,-X,t(8;11)(q22;p15),-10,-15[1]/46,XX[19]
575	F	0	12.5	21.2	A	I	49.9	15.2	263	14	81	1260		64	387	3.3	UM	NEG	ND	46,XX[19]
289	M	0	60.2	66.1	A	0	36.7	13.5	205	13	86	1059	72	68	390	1.8	M	ND	13Q	ND
732	M	0	31.2	36	A	I	20.9	15.1	232	54	37	700	113	47	391	1.2	M	NEG	13Q	46,XY[20]
306	M	0	22.6	33.6	A	I	22	15.7	237	17	80	854	163	41	406	2	MU	NEG	NEG	46,XY,del(1)(p13)[1],46,XY[19]
244	M	0	24.2	49.8	A	0	69.7	14.9	199	11	89	660	74	31	407	2.2	UM	POS	11Q	ND
907	M	0	38.8	76.1	A	0	12.7	15.3	306	22	68	523	113	17	412	1.6	UM	POS	11Q	46,XY[20]
518	M	2	22.6	44.7	A	0	7.1	14.3	265	53	26	777	216	46	414	1.9	UM	POS	13Q	46,XY{20}
742	F	1	ND	27	A	0	1.9	13	159	59	31	807	119	51	425	1.4	UM	POS	ND	46,XX,t(1;7)(p36.1;q11.2)?c[20]
660	M	0	36.2	66.8	A	I	17.1	15.3	173	11	85	871	201	27	426	1.8	MU	NEG	13Q	46,XY,del(3)(q21),del(5)(q13q35)[1]/46,XY[19]
112	M	0	47.1	67.7	A	0	38.3	15.5	226	10	85	653	142	43	432	2.1	UM	POS	NEG	ND
267	M	0	15.1	38.3	A	0	17.8	14	266	34	61	439	63	14	444	2.4	UM	POS	NEG	ND
493	M	0	32.1	52.7	A	I	40.7	15.7	211	17	79	972	58	55	447	2.3	MU	NEG	13Q	46,XY{20}
9005	M	0	39.9	63	A	II	29.3	16	147	15	84	978	212	30	448	1.1	MU	POS	NEG	46,XY[20]
8552	M	0	ND	30	A	I	25.1	15.5	137	15	84	1112	200	63	452	1.9	UM	POS	NEG	ND
659	F	0	ND	77.6	A	0	16.6	13.2	219	30	64	656	95	33	453	2.8	MU	NEG	13Q	47,XX,+21[1]/46,XX[19]
429	M	0	23.3	33.6	A	0	13	15	220	15	74	801	121	66	460	2	MU	NEG	13Q	46,XY{20}
408	M	0	58.2	76.1	A	0	42.3	12.9	148	13	85	240	20	<11	466	2.9	MU	POS	T12	ND
963	F	0	11.1	27.6	A	I	19.1	14.2	259	18	79	1169	264	84	466	2.6	NR	POS	11Q	45,X,-X[5]/47,XX,+X[1]/46,XX,t(2;12)(p11.2;q24.3)[1]/46,XX[13]
814	F	0	21.3	56.6	A	I	27.3	12.7	262	9	88	921	176	42	468	3.8	MU	NEG	13Q	46,XX[20]
2990	M	0	9.3	21	A	0	39.2	15.2	129	7	93				469	2.5	MU	NEG	12Q	ND
328	M	0	32.9	54.2	A	I	11.1	13.6	128	35	63	677	154	67	471	4	UM	POS	T12	46,XY[20]
327	M	0	37.9	33.8	A	0	21.6	14.2	222	37	60	616	74	37	473		UM	NEG	T12	46,XY[11]

694	M	0	25.3	53.4	C	III	379	8.7	140	3	97	667	37	<11	474	5.2	UM	POS	NEG	46,XY[6]
343	M	0	79.5	78.1	B	I	21.3	14.2	157	16	82	809	173	69	478	2	UM	POS	ND	ND
915	M	0	ND	63.3	A	I	25.5	15.3	274	22	71	947	236	33	479	2	MU	NEG	T12	46,XY[20]
559	F	0	ND	40.2	A	II	11.9	13.2	175	50	45	584	65	88	484	2.3	MU	NEG	NEG	ND
589	M	0	5	6.6	A	I	19	14.7	311	31	59	1304	93	32	485	2.4	UM	NEG	NEG	46,XY[20]
038	M	0	28.1	40.9	A	0	21.3	15.8	238	15	80	1060	229	42	487	1.7	M	ND	13Q	45,X,-Y[14]/46,XY[3]
078	M	0	17	48.5	A	0	24.1	15	189	16	83	1064	187	61	492	1.9	UM	ND	ND	ND
786	M	0	25.9	44.9	B	II	79.7	12.5	126	3	92	582	20	17	512	5.7	UM	POS	13Q	46,XY[20]
110	M	0	15.2	23.7	A	III	32.5	10.6	199	11	85	819	200	40	515	2.4	M	NEG	13Q	ND
3098	M	0	44.3	41.1	A	0	13.9	16.7	180	57	36	1347	9	39	538	1.9	MU	POS	T12	46,XY[20]
463	F	0	8.2	11.7	C	III	6.8	9.2	303	29	59	326	98	39	538	4.8	NR	ND	NEG	ND
0233	F	5	39.2	ND	B	III	200	10.7	101		93	1540	15	12	541	5.3	MU	NEG	ND	46,XX,del(13)(q12q14)[5]/46,XX[12]
123	M	0	55.2	ND	A	0	11.3	15.9	336	18	82	1100	274	62	545	1.9	MU	NEG	13Q	46,XY[20]
382	M	0	9.7	15.1	B	I	17.8	15.5	263	30	66				547	2.2	UM	POS	NEG	ND
251	M	0	33.9	69.8	A	0	86.6	14.3	180	3	93	870	115	70	550	1.9	MU	NEG	13Q	46,XY[20]
642	M	0	50.5	63.7	A	I	16.9	13	166	39	48	1337	44	39	553	1.6	MU	NEG	T12	47,XY,+12[1]/46,XY[19]
468	F	0	29.7	ND	A	0	17.8	12.9	254	38	59	805	131	164	557	1.6	UM	NEG	13Q	ND
192	M	0	ND	30.3	A	I	21.7	14.1	149	12	87	654	92	86	558	2.2	UM	NEG	11Q	ND
216	M	0	28.1	55	A	0	65.7	14.3	206	8	89	821	58	21	559	2	UM	POS	NEG	47,XY,+6[1]/46,XY[19]
897	F	0	36.8	41.7	A	0	12.6	14.7	253	33	62	1120	156	118	563	2	M	NEG	17P	46,XX[20]
386	F	0	28	40.3	A	0	31.6	12.8	332	12	84	900	147	71	565	2.2	M	ND	NEG	46,XX[1]
888	F	2	15.7	28.9	B	I	12.4	11.4	137	9	85				566	3.5	UM	POS	ND	ND
656	M	0	25.9	52.6	B	I	41.5	15.3	234	7	90	1400	98	72	566	3.3	UM	POS	13Q	46,XY[20]
801	M	0	64.7	62.3	A	0	20.3	14.3	113	13	84	687	115	34	569	1.4	MU	NEG	T12	47,XY,+12[1],46,XY[19]
611	F	0	8.9	21.1	B	II	96.1	12.8	204	4	90	847	100	29	579	3.3	UM	POS	NEG	46,XX[20]
878	F	0	ND	37.3	A	0	25.9	13.6	246	30	65	874	160	284	579	2.5	UM	NEG	NEG	ND
689	M	0	38.1	44.6	A	I	22	15.6	224	16	77	1022	174	56	580	1.3	M	NEG	13Q	46,XY[20]
137	M	0	8.2	29.4	A	I	46.9	14.1	145	4	93	511	33	<11	652	2	UM	POS	ND	ND
354	M	0	52.1	64.7	B	I	42.9	14.9	105	11	87	441	69	20	668	2.4	MU	NEG	T12	49,XY,+12,+18,+19[10]/46,XY[10]
9990	M	0	18.3	ND	A	0	23.8	15.8	187	15	79	915	235	49	676	2.1	MU	NEG	17P	ND
227	M	0	14.3	35.1	B	I	73.2	14.6	195	6	91	1010	150	29	705	2	UM	NEG	ND	ND
181	F	0	ND	30.5	A	0	23	14.6	337	23	71	1120	111	67	711	2.9	MU	NEG	13Q	ND
214	M	0	32.9	40.4	A	0	38.4	15.5	198	9	86				748	2.4	NR	NEG	T12	ND
614	F	0	54.1	71.7	A	I	44.7	13.7	255	9	89	592	86	26	778	2.8	MU	NEG	13Q	46,XX[20]
1053	M	0	31.2	ND	A	0	24.9	16.9	166	21	71	950	236	49	818	2	MU	NEG	11Q	ND
294	F	0	42.1	57.5	A	0	243	12.4	184	8	83	691	41	17	1029	2.7	UM	POS	11Q	44~45,XX,del(11)(q21q23),-17,+2mar[cp4]/47,XX,+6[1]/46,XX[15]
133	F	0	30.7	58.5	A	I	8.5	12.5	211	53.8	37.1					1.9	M	NEG	17P	ND
806	F	0	37.4	54.9	C	III	134	8.8	248	11	85	1210	153	52	894	4.2	M	POS	T12	47,XX,+12[6], 46,XX[14]

A, AMG-176; WBC, White blood cells; HGB, hemoglobin; PLT, platelets; Neut, neutrophils; Lymph, % lymphocytes; LDH, lactate dehydrogenase; IGHV, immunoglobulin heavy chain; FISH, fluorescent in situ hybridization; highlighted columns 4 and 5 show percent apoptosis after 24 hour incubation with AMG-176; UM, unmutated; M, mutated; POS, positive; NEG, negative; M, male; F, female; 13Q, 13q deletion; T12, trisomy 12; 17p, 17p deletion; 11q, 11q deletion; ND, not done