

Supplementary Data 1

Sample ID	Coverage	Sample Type	Age	Sex	Phase	Ig Type	Isotype	Cytogenetic
PD26400a	38.74	tumour	69	M	SMM	IgG	Kappa	HRD
PD26400b	36.96	normal	-	-	-		-	-
PD26400c	38.54	tumour	72	M	DG	IgG	Kappa	HRD
PD26401a	45.53	tumour	74	M	SMM	IgG	Kappa	
PD26401b	36.52	normal	-	-	-		-	-
PD26401c	43.15	tumour	74	M	DG	IgG	Kappa	
PD26402a	43.4	tumour	55	F	SMM	IgG	Kappa	t(11;14)
PD26402b	33.75	normal	-	-	-	-	-	-
PD26402c	41.06	tumour	57	F	DG	IgG	Kappa	t(11;14)
PD26403a	39.32	tumour	57	F	SMM	IgG	Kappa	HRD
PD26403b	34.49	normal	-	-	-	-	-	-
PD26403c	40.06	tumour	57	F	DG	IgG	Kappa	HRD
PD26403d	39.07	tumour	59	F	RR	IgG	Kappa	HRD
PD26404a	41.19	tumour	64	M	SMM	IgG	Kappa	HRD
PD26404b	36.1	normal	-	-	-	-	-	-
PD26404c	36.12	tumour	65	M	DG	IgA	Kappa	HRD
PD26405a	42.65	tumour	64	F	SMM	IgA	Kappa	t(4;14)
PD26405b	35.5	normal	-	-	-	-	-	-
PD26405c	41.13	tumour	64		DG	IgA	Kappa	t(4;14)
PD26406a	35.27	tumour	61	M	SMM	IgG	Kappa	t(4;14)
PD26406b	32.15	normal	-	-	-	-	-	-
PD26406c	39.36	tumour	63	M	DG	IgG	Kappa	t(4;14)
PD26407a	36.09	tumour	49	M	SMM	IgG	Kappa	HRD
PD26407b	34.37	normal	-	-	-	-	-	-
PD26407c	43.82	tumour	49	M	DG	IgG	Kappa	HRD
PD26408a	47.86	tumour	53	M	SMM	IgG	Kappa	HRD
PD26408b	29.16	normal	-	-	-	-	-	-
PD26408c	46.73	tumour	53	M	DG	IgG	Kappa	HRD
PD26409a	41.47	tumour	64	F	MGUS	IgG	Kappa	HRD
PD26409b	34.57	normal	-	-	-	-	-	-
PD26409c	45.15	tumour	65	F	DG	IgG	Kappa	HRD
PD26410b	33.31	normal	-	-	-	-	-	-
PD26410d	37.7	tumour	66	M	RR	IgG	Lambda	HRD
PD26411a	39.26	tumour	65	M	RR	IgA	Lambda	HRD
PD26411b	34.96	normal	-	-	-	-	-	-
PD26411c	36.37	tumour	64	M	RR	IgA	Lambda	HRD
PD26411d	34.9	tumour	64	M	RR	IgA	Lambda	HRD
PD26412a	34.39	tumour	50	M	RR	IgG	Kappa	HRD
PD26412b	30.41	normal	-	-	-	-	-	-
PD26412c	36.92	tumour	54	M	RR	IgG	Kappa	HRD

PD26412d	36.13	tumour	54	M	RR	IgG	Kappa	HRD
PD26414a	35.18	tumour	54	F	RR	IgA	Kappa	t(4;14)
PD26414b	36.09	tumour	-	-	-	-	-	-
PD26414d	36.54	normal	55	F	RR	IgA	Kappa	t(4;14)
PD26414e	31.39	tumour	58	F		IgA	Kappa	t(4;14)
PD26414f	34.19	tumour	58	F	RR	IgA	Kappa	t(4;14)
PD26414g	31.69	tumour	58	F	RR	IgA	Kappa	t(4;14)
PD26415b	35.84	normal	-	-	-	-	-	-
PD26415c	38.41	tumour	55	M	RR	IgG	Kappa	HRD
PD26415g	39.39	tumour	62	M	RR	IgG	Kappa	HRD
PD26416b	35.73	normal	-	-	-	-	-	-
PD26416d	36.12	tumour	52	F	RR	IgG	Kappa	HRD
PD26416e	36.71	tumour	53	F	RR	IgG	Kappa	HRD
PD26418a	40.35	tumour	71	M	RR	IgA	Kappa	t(11;14)
PD26418b	32.84	normal	-	-	-	-	-	-
PD26418c	35.63	tumour	71	M	RR	IgA	Kappa	t(11;14)
PD26418d	42.96	tumour	72	M	RR	IgA	Kappa	t(11;14)
PD26418e	34.5	tumour	72	M	RR	IgA	Kappa	t(11;14)
PD26419a	36.31	tumour	65	F	DG	LC	Kappa	t(8q24.3;14)
PD26419b	37.4	normal	-	-	-	-	-	-
PD26419c	36.35	tumour	67	F	RR	LC	Kappa	t(8q24.3;14)
PD26419d	37.74	tumour	67	F	RR	LC	Kappa	t(8q24.3;14)
PD26420a	40.69	tumour	56	M	RR	IgM	Kappa	t(11;14)
PD26420b	34.24	normal	-	-	-	-	-	-
PD26420c	37.75	tumour	56	M	RR	IgM	Kappa	t(11;14)
PD26422b	35.22	normal	-	-	-	-	-	-
PD26422d	37.67	tumour	70	M	RR	IgA	Kappa	t(11;14)
PD26422e	37.33	tumour	70	M	RR	IgA	Kappa	t(11;14)
PD26422f	38.19	tumour	70	M	RR	IgA	Kappa	t(11;14)
PD26423b	37.57	normal	-	-	-	-	-	-
PD26423e	33.93	tumour	54	M	RR	IgG	Kappa	HRD
PD26423g	35.1	tumour	58	M	RR	IgG	Kappa	HRD
PD26423h	37.92	tumour	58	M	RR	IgG	Kappa	HRD
PD26424a	37.32	tumour	63	M	SMM	IgG	Kappa	HRD
PD26424b	36.12	normal	-	-	-	-	-	-
PD26424c	35.85	tumour	64	M	RR	IgG	Kappa	HRD
PD26425b	32.63	normal	-	-	-	-	-	-
PD26425e	36.54	tumour	63	M	RR	IgA	Kappa	t(11;14)
PD26425f	37.84	tumour	64	M	RR	IgA	Kappa	t(11;14)
PD26426b	33.18	normal	-	-	-	-	-	-
PD26426e	33.5	tumour	77	M	RR	IgG	Kappa	HRD
PD26427a	34.52	tumour	51	F	DG	LC	Lambda	t(11;14)
PD26427b	34.07	normal	-	-	-	-	-	-

PD26427c	35.71	tumour	52	F	RR	LC	Lambda	t(11;14)
PD26428a	29.63	tumour	41	M	DG	IgG	Kappa	t(11;14)
PD26428b	37.27	normal	-	-	-	-	-	-
PD26428c	37.67	tumour	42	M	RR	IgG	Kappa	t(11;14)
PD26429a	32.9	tumour	64	F	DG	IgG	Kappa	HRD
PD26429b	35.76	normal	-	-	-	-	-	-
PD26432b	36.71	normal	-	-	-	-	-	-
PD26432c	34.35	tumour	61	M	RR	IgA	Lambda	HRD
PD26432e	31.55	tumour	68	M	RR	IgA	Lambda	HRD
PD26434b	36.7	normal	-	-	-	-	-	-
PD26434c	34.46	tumour	58	M	DG	IgG	Kappa	t(11;14)
PD26435b	35.53	normal	-	-	-	-	-	-
PD26435c	38.05	tumour	65	M	RR	IgA	Kappa	HRD
PD26435e	37.38	tumour	67	M	RR	IgA	Kappa	HRD

HRD= hyperdiploid

SMM= smoldering multiple myeloma

DG= diagnosis

RR= relapse