Table 6S. Available biologic and clinical features of multi

Sequence code	IGHV gene	IGHD gene	IGHD reading frame	IGHJ gene	Identity to germline
TO87GR	IGHV3-48*03	IGHD2-21*01	3	IGHJ4*02	100,0%
TO93AR	IGHV3-64*02	IGHD5-24*01	2	IGHJ6*02	98,6%
TO35DP	IGHV3-21*01	IGHD6-19*01	3	IGHJ5*02	98,9%
X98901	IGHV5-a*03	IGHD3-10*01	2	IGHJ4*02	98,3%

Abbreviations
IGH, immunoglobulin heavy chain gene
IGHV, immunoglobulin heavy chain variable gene
IGHD, immunoglobulin heavy chain diversity gene
IGHJ, immunoglobulin heavy chain junction gene
HCDR3, complementarity determining region 3 on heavy chain gene
AA, aminoacid
IMGT, identified by ImMunoGeneTics V-QUEST tools (http://imgt.cines.fr/), see in text reference 2
Del 13q14, deletion of chromosome 13q14
ISS, international staging system
s-M, serum monoclonal
pBJ, Bence-Jones proteinuria
PC, plasma cells
s-b2M, serum beta 2 microglobulin
na, not available

ple myleoma patients showing unmutated IGH

HCDR3 AA sequence (IMGT)	HCDR3 lenght (AA)	Stereotyped	Del 13q14
CARGPPHRSRTHIVVVIAMRFDYW	22	No	No
CARFYYYYGMDVW	11	No	No
CARENKHEWLVLNYNWFDPW	18	Yes	na
CARHPTYYDSGSYYNFDFW	17	No	na

0

Age	Sex	ISS stage	s-M protein	s-M protein g/dL	pBJ g/24 h	% PC
68	female	2	IgA	2,23	0,1	35
42	female	2	light chain	na	0	60
na	female	na	na	na	na	na
na	na	na	na	na	na	na

Albumin g/dL	s-β2M mg/L
4,8	3,6
na	1,6
na	na
na	na

Notes
Complex karyotype: polisomy chromosome 9, monosomy chromosomes 8 and X
Multiple myeloma with plasma cell leukemia
Provisional cluster (N1) with a indolent mucosa-associated lymphoid tissue non-Hodgkin lymphoma: see Table 8S
Homo sapiens bone marrow from myeloma patient: Literature Series, see Table 1S