

Data S1, related to Figure 1. LC-MS/MS analyses of native human IgA, and monomeric & dimeric KRAS^{G12D}-specific IgA1.

LC-MS/MS analysis of native IgA

#	Visible?	Starred?	Bio View: 50 Proteins in 46 Clusters With 23 Filtered Out	Accession Number	Alternate ID	Molecular Weight	Protein Grouping Ambiguity	BioSample 1
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin heavy constant alpha 1 OS=Homo sapiens OX=9606 GN=IGHA1 PE=1 SV=2	IGHA1_HUMAN	IGHA1	38 kDa	★ 9	9
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cluster of Immunoglobulin kappa light chain OS=Homo sapiens OX=9606 PE=1 SV=1 (IGK_HUMAN)	IGK_HUMAN [2]		23 kDa	★ 8	8
2.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin kappa light chain OS=Homo sapiens OX=9606 PE=1 SV=1	IGK_HUMAN		23 kDa	★ 6	6
2.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin kappa constant OS=Homo sapiens OX=9606 GN=IGKC PE=1 SV=2	IGKC_HUMAN	IGKC	12 kDa	★ 6	6
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cluster of Immunoglobulin lambda constant 2 OS=Homo sapiens OX=9606 GN=IGLC2 PE=1 SV=1 (IGLC2_HUMAN)	IGLC2_HUMAN [3]	IGLC2	11 kDa	★ 4	4
3.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin lambda constant 2 OS=Homo sapiens OX=9606 GN=IGLC2 PE=1 SV=1	IGLC2_HUMAN (+1)	IGLC2	11 kDa	★ 3	3
3.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin lambda-1 light chain OS=Homo sapiens OX=9606 PE=1 SV=1	IGL1_HUMAN		23 kDa	★ 3	3
4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin heavy constant mu OS=Homo sapiens OX=9606 GN=IGHM PE=1 SV=4	IGHM_HUMAN	IGHM	49 kDa	★ 6	6
5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cluster of Immunoglobulin kappa variable 3-20 OS=Homo sapiens OX=9606 GN=IGKV3-20 PE=1 SV=2 (KV320_HUMAN)	KV320_HUMAN [2]	IGKV3-20	13 kDa	★ 3	3
6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin J chain OS=Homo sapiens OX=9606 GN=JCHAIN PE=1 SV=4	IGJ_HUMAN	JCHAIN	18 kDa	★ 2	2
7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cluster of Immunoglobulin heavy variable 3-9 OS=Homo sapiens OX=9606 GN=IGHV3-9 PE=1 SV=2 (HV309_HUMAN)	HV309_HUMAN [3]	IGHV3-9	13 kDa	★ 4	4
8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin heavy variable 3-23 OS=Homo sapiens OX=9606 GN=IGHV3-23 PE=1 SV=2	HV323_HUMAN (+2)	IGHV3-23	13 kDa	★ 2	2
9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin lambda variable 1-51 OS=Homo sapiens OX=9606 GN=IGLV1-51 PE=1 SV=2	LV151_HUMAN	IGLV1-51	12 kDa	★ 2	2
10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin alpha-2 heavy chain OS=Homo sapiens OX=9606 PE=1 SV=2	IGA2_HUMAN		49 kDa	★ 4	4
11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin lambda variable 3-10 OS=Homo sapiens OX=9606 GN=IGLV3-10 PE=3 SV=2	LV310_HUMAN	IGLV3-10	12 kDa	★ 1	1
12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin kappa variable 3-15 OS=Homo sapiens OX=9606 GN=IGKV3-15 PE=1 SV=2	KV315_HUMAN (+1)	IGKV3-15	12 kDa	★ 1	1
13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin heavy variable 4-34 OS=Homo sapiens OX=9606 GN=IGHV4-34 PE=1 SV=2	HV434_HUMAN (+4)	IGHV4-34	14 kDa	★ 2	2
14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin kappa variable 4-1 OS=Homo sapiens OX=9606 GN=IGKV4-1 PE=1 SV=1	KV401_HUMAN	IGKV4-1	13 kDa	★ 2	2
15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin heavy variable 1-3 OS=Homo sapiens OX=9606 GN=IGHV1-3 PE=3 SV=1	HV103_HUMAN	IGHV1-3	13 kDa	★ 1	1
16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin heavy variable 1-2 OS=Homo sapiens OX=9606 GN=IGHV1-2 PE=1 SV=2	HV102_HUMAN	IGHV1-2	13 kDa	★ 1	1
17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin kappa variable 3-11 OS=Homo sapiens OX=9606 GN=IGKV3-11 PE=1 SV=1	KV311_HUMAN (+1)	IGKV3-11	13 kDa	★ 1	1
18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin lambda variable 1-47 OS=Homo sapiens OX=9606 GN=IGLV1-47 PE=1 SV=2	LV147_HUMAN	IGLV1-47	12 kDa	★ 1	1
19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin lambda variable 3-21 OS=Homo sapiens OX=9606 GN=IGLV3-21 PE=1 SV=2	LV321_HUMAN (+1)	IGLV3-21	12 kDa	★ 1	1
20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin heavy variable 3-49 OS=Homo sapiens OX=9606 GN=IGHV3-49 PE=3 SV=1	HV349_HUMAN	IGHV3-49	13 kDa	★ 1	1
21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin kappa variable 2D-30 OS=Homo sapiens OX=9606 GN=IGKV2D-30 PE=3 SV=1	KVD30_HUMAN	IGKV2D-30	13 kDa	★ 1	1
22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin lambda variable 3-19 OS=Homo sapiens OX=9606 GN=IGLV3-19 PE=1 SV=2	LV319_HUMAN	IGLV3-19	12 kDa	★ 1	1
23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin heavy variable 3-64D OS=Homo sapiens OX=9606 GN=IGHV3-64D PE=3 SV=1	HV64D_HUMAN	IGHV3-64D	13 kDa	★ 1	1

LC-MS/MS analysis of purified monomeric and dimeric KRas^{G12D} IgA1

#	Visible?	Starred?	Bio View: 777 Proteins in 712 Clusters With 771 Filtered Out	Accession Number	Molecular Weight	Protein Grouping Ambiguity	Dimer	Mono...
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin heavy constant alpha 1 OS=Homo sapiens OX=9606 GN=IGHA1 PE=1 SV=2	IGHA1_HUMAN	38 kDa	★ 9	8	8
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin superfamily member 3 OS=Homo sapiens OX=9606 GN=IGSF3 PE=2 SV=3	IGSF3_HUMAN	135 kDa	★ 3	6	6
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin J chain OS=Homo sapiens OX=9606 GN=JCHAIN PE=1 SV=4	IGJ_HUMAN	18 kDa	★ 2		
4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin kappa constant OS=Homo sapiens OX=9606 GN=IGKC PE=1 SV=2	IGKC_HUMAN	12 kDa	★ 3	1	1
5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1 OS=Homo sapiens OX=9606 GN=LINGO1 ...	LINGO1_HUMAN	70 kDa	★ 1		1
6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Immunoglobulin heavy variable 3-30 OS=Homo sapiens OX=9606 GN=IGHV3-30 PE=1 SV=2	HV330_HUMAN	13 kDa	★ 1		