

Supplementary Table 1: AVS values of individual patients

mutation	cortisol (µg/dL)		aldosterone (ng/L)		cortisol (µg/dL)		aldosterone (ng/L)		selectivity index		A/C		A/C		lateralization index	suppression index
	ipsi	contra	ipsi	contra	peripheral		peripheral		ipsi	contra	ipsi	contra	peripheral			
					ipsi	contra	ipsi	contra					ipsi	contra		
w/o	457.9	554.8	119132	610	15.0	12.5	209	148	30.5	44.4	260.2	1.1	13.9	11.8	236.6	0.1
w/o	40.1	57.2	25183	277	17.7	19.4	171	213	2.3	2.9	628.0	4.8	9.7	11.0	129.7	0.4
w/o	57.4	40.8	6150	98	8.5*		85*		6.8	4.8	107.1	2.4	10.0		44.6	0.2
w/o	134.0	34.6	29092	231	7.7*		120*		17.4	4.5	217.1	6.7	15.6		32.5	0.4
w/o	30.5	35.9	10963	425	7.6	1.0	143	102	4.0	35.9	359.4	11.8	18.8	101.7	30.4	0.1
w/o	2381.0	318.0	108336	549	34.6	25.7	467	108	68.8	12.4	45.5	1.7	13.5	4.2	26.4	0.4
w/o	99.8	141.2	8360	633	4.8	5.0	40	43	20.8	28.2	83.8	4.5	8.3	8.6	18.7	0.5
w/o	52.6	15.5	60266	1313	6.3	7.2	206	35	8.3	2.2	1145.7	84.7	32.7	4.9	13.5	17.4
w/o	148.0	199.0	3054	350	18.8	20.4	168	130	7.9	9.8	20.6	1.8	8.9	6.4	11.7	0.3
w/o	39.7	24.7	2136	164	7.7	8.5	184	226	5.2	2.9	53.8	6.6	23.9	26.6	8.1	0.2
w/o	33.4	152.7	2798	1899	16.3	18.3	78	184	2.0	8.3	83.8	12.4	4.8	10.1	6.7	1.2
w/o	23.6	23.4	1317	326	10.0	7.5	264	144	2.4	3.1	55.8	13.9	26.4	19.2	4.0	0.7
w/o	836.0	364.0	9060	944	18.9	22.1	472	442	44.2	16.5	10.8	2.6	25.0	20.0	4.2	0.1
w/o	34.0	58.9	14940	5319	5.9	3.8	130	158	5.8	15.5	439.4	90.3	22.0	41.6	4.9	2.2
w/o	38.5	112.0	615	367	7.6	7.1	64	60	5.1	15.8	16.0	3.3	8.4	8.5	4.9	0.4
w/o	64.3	113.0	858	234	11.1	9.6	109	91	5.8	11.8	13.3	2.1	9.8	9.5	6.5	0.2
w/o	60.2	44.6	53000	4853	15.4	10.9	720	426	3.9	4.1	880.4	108.8	46.8	39.1	8.1	2.8
w/o	19.7	67.9	860	346	6.0*		256*		3.3	11.3	43.7	5.1	42.7		8.6	0.1
w/o	1217.0	1922.0	7538	1138	24.3	25.7	194	203	50.1	74.8	6.2	0.6	8.0	7.9	10.5	0.1
w/o	23.7	1580.0	2986	15054	7.7	26.2	35	105	3.1	60.3	126.0	9.5	4.5	4.0	13.2	2.4
w/o	46.1	32.9	8297	431	13.9*		102*		3.3	2.4	180.0	13.1	7.3		13.7	1.8
w/o	31.4	110.5	1069	193	8.1	7.9	96	107	3.9	14.0	34.0	1.7	11.9	13.5	19.5	0.1
w/o	21.1	25.4	4585	257	6.0	5.4	41	35	3.5	4.7	217.3	10.1	6.8	6.5	21.5	1.6
w/o	154.0	456.0	20824	2551	9.1	8.6	328	284	16.9	53.0	135.2	5.6	36.0	33.0	24.2	0.2

w/o	128.6	122.9	33414	1170	5.1	4.8	313	332	25.2	25.6	259.8	9.5	61.4	69.2	27.3	0.1
w/o	57.4	313.5	1314	237	8.0	7.8	161	102	7.2	40.2	22.9	0.8	20.1	13.1	30.3	0.1
w/o	34.0	378.0	1574	481	7.3*		105*		4.7	51.8	46.3	1.3	14.4		36.4	0.1
w/o	211.5	102.3	25740	317	14.3	14.6	122	115	14.8	7.0	121.7	3.1	8.5	7.9	39.3	0.4
w/o	101.0	115.0	13400	371	11.0*		150*		9.2	10.5	132.7	3.2	13.7		41.1	0.2
w/o	40.6	45.2	32622	372	11.7	10.5	251	662	3.5	4.3	803.5	8.2	21.5	63.0	97.6	0.1
w/o	17.6	187.0	5944	485	5.6	4.9	149	196	3.1	38.2	337.7	2.6	26.6	40.0	130.2	0.1
w/o	200.0	1112.0	33730	1215	17.8	21.4	117	121	11.2	52.0	168.7	1.1	6.6	5.7	154.4	0.2
KCNJ5	32.2	23.7	72321	139	6.8	10.8	111	82	4.7	2.2	2246.0	5.9	16.3	7.6	383.0	0.8
KCNJ5	13.3	23.1	6950	91	4.3	10.7	98	93	3.1	2.2	522.6	3.9	22.8	8.7	132.6	0.5
KCNJ5	37.8	320.4	5545	992	19.3*		214*		2.0	16.6	146.7	3.1	11.1		47.4	0.3
KCNJ5	81.0	38.5	17980	217	9.1*		242*		8.9	4.2	222.0	5.6	26.6		39.4	0.2
KCNJ5	174.8	45.4	108600	1131	12.0	14.0	375	228	14.6	3.2	621.3	24.9	31.3	16.3	24.9	1.5
KCNJ5	770.0	398.0	58265	1878	13.3	10.8	467	423	57.9	36.9	75.7	4.7	35.1	39.2	16.0	0.1
KCNJ5	284.0	50.0	16533	252	15.0*		110*		18.9	3.3	58.2	5.0	7.3		11.6	0.7
KCNJ5	186.0	122.0	2600	285	12.7*		168*		14.6	9.6	14.0	2.3	13.2		6.0	0.2
KCNJ5	29.7	1086.0	461	4236	6.2	20.6	176	346	4.8	52.7	15.5	3.9	28.4	16.8	4.0	0.2
KCNJ5	357.0	29.3	23750	289	13.8	9.3	281	212	25.9	3.2	66.5	9.9	20.4	22.8	6.7	0.4
KCNJ5	400.5	240.0	5342	466	15.1	19.3	88	108	26.5	12.4	13.3	1.9	5.8	5.6	6.9	0.3
KCNJ5	42.5	16.5	35100	1885	8.0	5.0	338	236	5.3	3.3	825.9	114.2	42.3	47.2	7.2	2.4
KCNJ5	36.3	13.5	12963	622	10.3	4.9	438	224	3.5	2.8	357.1	46.1	42.5	45.8	7.8	1.0
KCNJ5	568.8	41.6	55000	355	23.6	18.1	453	234	24.1	2.3	96.7	8.5	19.2	12.9	11.3	0.7
KCNJ5	392.2	374.1	16909	1198	11.5	12.9	175	198	34.1	29.0	43.1	3.2	15.2	15.3	13.5	0.2
KCNJ5	330.0	216.0	17687	486	16.6	16.3	126	140	19.9	13.3	53.6	2.3	7.6	8.6	23.8	0.3
KCNJ5	26.6	15.7	38150	458	7.0	5.5	419	411	3.8	2.9	1434.2	29.2	59.9	74.7	49.2	0.4
KCNJ5	182.0	157.0	37700	641	21.4	20.8	276	305	8.5	7.5	207.1	4.1	12.9	14.7	50.7	0.3
KCNJ5	74.2	22.9	20677	125	7.0*		75*		10.6	3.3	278.7	5.5	10.7		51.1	0.5
ATP1A1	71.4	1716.0	21495	3135	24.3	15.9	933	324	2.9	107.9	301.1	1.8	38.4	20.4	164.8	0.1
ATP1A1	27.0	22.7	4744	481	7.6	9.1	351	666	3.6	2.5	175.7	21.2	46.2	73.2	8.3	0.3
ATP1A1	234.4	195.3	2025	267	7.2	6.9	99	104	32.6	28.3	8.6	1.4	13.8	15.1	6.3	0.1

ATP2B3	261.9	193.1	9920	1679	21.4	13.6	454	161	12.2	14.2	37.9	8.7	21.2	11.8	4.4	0.7
ATP1A1	180.2	71.5	24000	690	9.4	6.4	462	144	19.2	11.2	133.2	9.7	49.1	22.5	13.8	0.4
ATP2B3	47.8	1455.0	2694	3147	14.1	20.8	1027	1171	3.4	70.0	56.4	2.2	72.8	56.3	26.1	0.0
ATP2B3	710.0	328.0	76794	469	14.0	14.2	135	254	50.7	23.1	108.2	1.4	9.6	17.9	75.6	0.1
ATP1A1	1050.0	1924.0	160200	1998	17.4	28.9	112	259	60.3	66.6	152.6	1.0	6.4	9.0	146.9	0.1

A/C, aldosterone to cortisol ratio; ipsi, ipsilateral adrenal harbouring the adenoma; contra, contralateral adrenal. For peripheral samples ipsilateral and contralateral indicate the time point during AVS when the peripheral sample was withdrawn. * only one corresponding peripheral sample available. Conversion of aldosterone (ng/L) to SI unit (pmol/L) by multiplication by 2.77. Conversion of cortisol (µg/dL) to SI unit (nmol/L) by multiplication by 27.59.