

ExomePLUS - Renal Disease Panels

Gene	#Bases>=15X	TotalBases	%Bases>=15X	Avg Coverage	ClinGen Classification	Launch Round	Cystic & Dysplasia/Agenesis	Electrolyte & KidneyStone	Proteinuria/ FSGS & Hematuria
ACE*	4950	5001	98.98%	160.01	STR	1	X		
ACTN4*	3366	3366	100.00%	149.06	DEF	1			X
ADAMTS13*	4986	5154	96.74%	104.45	DEF	1			X
AGXT	1509	1509	100.00%	154.76	DEF	1		X	
ALMS1*	13194	13194	100.00%	220.47	DEF	1			X
ANKS6	2961	3066	96.58%	138.40	STR	1	X		
AP2S1	579	579	100.00%	109.86	STR	1		X	
APOL1	1425	1425	100.00%	196.23	DEF	1			X
APRT	693	693	100.00%	85.70	DEF	1		X	
AQP2	936	936	100.00%	136.80	DEF	1		X	
ATP6V0A4*	3123	3123	100.00%	178.25	DEF	1		X	
ATP6V1B1	1962	1962	100.00%	211.89	STR	1		X	
AVP*	559	585	95.56%	78.48	DEF	1		X	
AVPR2	1226	1226	100.00%	98.82	DEF	1		X	
BMP4	1287	1287	100.00%	206.34	STR	1	X		
BSND	1083	1083	100.00%	181.69	DEF	1		X	
C1QA	798	798	100.00%	135.97	STR	1			X
C1QC	798	798	100.00%	199.34	STR	1			X
C3	6222	6222	100.00%	173.75	DEF	1			X
CASR	3447	3447	100.00%	185.68	DEF	1		X	
CD46	1676	1676	100.00%	159.68	DEF	1			X
CDC73*	2106	2106	100.00%	171.94	STR	1		X	
CEP290*	9030	9030	100.00%	178.10	DEF	1	X		
CFB	2835	2835	100.00%	104.14	STR	1			X
CFH	4400	4400	100.00%	192.54	DEF	1			X
CFHR1	407	1173	34.70%	54.48	STR	1			X
CFI	2142	2142	100.00%	180.88	DEF	1			X
CLCN5	2873	2873	100.00%	126.05	DEF	1		X	X
CLCNKB*	2768	2782	99.50%	137.12	DEF	1		X	
CLDN16	1068	1068	100.00%	173.46	DEF	1		X	
CLDN19	941	941	100.00%	142.38	DEF	1		X	
COL4A3*	6456	6573	98.22%	134.57	DEF	1			X
COL4A4*	6483	6483	100.00%	137.65	DEF	1			X
COL4A5	6666	6666	100.00%	97.38	DEF	1			X
CTNS	1552	1552	100.00%	189.52	DEF	1		X	
CUL3*	2901	2901	100.00%	174.85	STR	1		X	
CYP11B2	1782	1782	100.00%	190.36	STR	1		X	
CYP24A1	1875	1875	100.00%	228.61	STR	1		X	
DGKE	2034	2034	100.00%	152.35	STR	1			X
ENPP1*	3473	3528	98.44%	181.57	DEF	1		X	
EYA1	2314	2314	100.00%	161.28	DEF	1	X		
FAH	1680	1680	100.00%	177.61	DEF	1		X	
FAM20A	1956	1956	100.00%	122.71	STR	1		X	
FAM20C	2055	2055	100.00%	157.85	STR	1		X	
FGF23	846	846	100.00%	129.21	STR	1		X	
FRAS1	14334	14334	100.00%	185.69	STR	1	X		
GALNT3	2202	2202	100.00%	174.83	STR	1		X	
GATA3	1482	1482	100.00%	202.40	DEF	1	X	X	
GCM2	1671	1671	100.00%	162.28	STR	1		X	

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GLA	1559	1559	100.00%	131.09	DEF	1			X
GNA11	1290	1290	100.00%	119.67	STR	1		X	
GNAS	4444	4444	100.00%	189.53	DEF	1		X	
GRHPR	1257	1257	100.00%	185.95	STR	1		X	
HNF1B	1944	1944	100.00%	134.86	DEF	1	X		
HOGA1	1194	1194	100.00%	177.34	STR	1		X	
HPRT1	927	927	100.00%	106.78	DEF	1		X	
HSD11B2	1208	1368	88.30%	125.28	DEF	1		X	
INF2*	4252	4443	95.70%	123.57	DEF	1			X
INVS*	3678	3678	100.00%	200.09	STR	1	X		
IQCB1	2187	2187	100.00%	164.73	STR	1	X		
ITGB4*	6828	6828	100.00%	145.42	DEF	1			X
KCNJ1	1296	1296	100.00%	189.08	STR	1		X	
KLHL3	2214	2214	100.00%	187.15	DEF	1		X	
LAMB2	6357	6357	100.00%	166.51	DEF	1			X
LMX1B	1482	1482	100.00%	154.58	DEF	1			X
MUC1*	1650	1695	97.35%	91.68	DEF	1	X		
MYH9	7083	7083	100.00%	171.81	DEF	1			X
MYO1E*	4167	4167	100.00%	167.05	STR	1			X
NPHP1	2802	2802	100.00%	191.66	STR	1	X		
NPHP3*	4803	4803	100.00%	192.83	DEF	1	X		
NPHP4	5151	5151	100.00%	159.44	DEF	1	X		
NPHS1*	4596	4596	100.00%	129.09	DEF	1			X
NPHS2	1392	1392	100.00%	120.20	DEF	1			X
NR3C2	3195	3195	100.00%	170.88	DEF	1		X	
OCRL*	3426	3426	100.00%	122.82	DEF	1		X	
PAX2	1762	1762	100.00%	205.08	DEF	1	X		X
PHEX	2910	2910	100.00%	124.45	DEF	1		X	
PKD2	3293	3357	98.09%	164.45	DEF	1	X		
PKHD1	14270	14270	100.00%	173.93	DEF	1	X		
PLCE1*	8151	8151	100.00%	190.09	STR	1			X
PTH	408	408	100.00%	252.09	STR	1		X	
REN	1521	1521	100.00%	144.97	STR	1	X		
SCNN1A	3209	3209	100.00%	167.38	DEF	1		X	
SCNN1B	2282	2282	100.00%	199.61	DEF	1		X	
SLC12A1	4206	4206	100.00%	194.44	DEF	1		X	
SLC12A3*	3873	3873	100.00%	165.93	DEF	1		X	
SLC22A12	1962	1962	100.00%	130.41	STR	1		X	
SLC2A2	1905	1905	100.00%	192.53	DEF	1		X	
SLC34A3	2160	2160	100.00%	154.20	DEF	1		X	
SLC4A1	3306	3306	100.00%	147.41	STR	1		X	
TRPC6	3137	3186	98.46%	174.47	DEF	1			X
TSC1	5252	5252	100.00%	185.74	DEF	1	X		X
TSC2	7164	7164	100.00%	155.23	DEF	1	X		X
UMOD	2352	2352	100.00%	161.11	DEF	1	X		
VDR	1734	1734	100.00%	164.65	STR	1		X	
WNK4	4302	4302	100.00%	195.90	STR	1		X	
WT1*	1887	1894	99.63%	134.42	DEF	1	X		X

* A few exons have been excluded due to technical difficulties