

**Supplementary Table 4.** List of potential non-tumor-Specific editing sites within coding regions in 3 pairs of HCC and matched NT liver samples.

Chr	Position	Ref. <sup>1</sup>	Var. <sup>2</sup>	No of Ref. reads	No. of Var. reads	Frequency (%)	Depth	Type <sup>3</sup>	Annotation Details	448 N	473 N	510 N
1	196881973	A	G	19	4	13.79	23	syn	CFHR4:NM_006684:exon3:c.A360G:p.G120G,CFHR4:NM_001201551:exon7:c.A1098G:p.G366G,CFHR4:NM_001201550:exon7:c.A1101G:p.G367G	Y	Y	Y
6	160962143	T	C	22	16	42.11	38	nonsyn	LPA:NM_005577:exon36:c.A5590G:p.K1864E	Y	Y	Y
9	37429814	A	G	1	610	95.91	611	syn	GRHPR:NM_012203:exon6:c.A579G:p.A193A	Y	Y	Y
14	24569425	A	G	6	13	61.9	19	nonsyn	PCK2:NM_001018073:exon7:c.A1237G:p.M413V	Y	Y	Y
1	16133912	T	C	1	97	97	98	nonsyn	UQCRHL:NM_001089591:exon1:c.A233G:p.K78R	Y	Y	N
1	160302244	T	C	9	6	40	15	nonsyn	COPA:NM_001098398:exon6:c.A490G:p.I164V,COPA:NM_004371:exon6:c.A490G:p.I164V	Y	Y	N
3	57570123	T	C	17	2	10.53	19	nonsyn	ARF4:NM_001660:exon2:c.A136G:p.I46V	Y	Y	N
3	101404666	T	C	35	4	10	39	nonsyn	RPL24:NM_000986:exon3:c.A188G:p.Q63R	Y	Y	N
3	145820566	T	C	18	2	10	20	syn	PLOD2:NM_000935:exon7:c.A753G:p.A251A	Y	Y	N
4	100235106	T	C	129	18	11.76	147	nonsyn	ADH1B:NM_000668:exon6:c.A700G:p.K234E	Y	Y	N
20	47708626	A	G	17	2	10	19	syn	CSE1L:NM_001316:exon22:c.A2409G:p.A803A	Y	Y	N
20	60883509	A	G	20	6	18.18	26	nonsyn	ADRM1:NM_007002:exon9:c.A1100G:p.E367G,ADRM1:NM_175573:exon9:c.A1100G:p.E367G	Y	Y	N
22	43036239	T	C	1	27	96.43	28	syn	ATP5L2:NM_001165877:exon1:c.A42G:p.A14A	Y	Y	N
22	43036242	T	C	1	27	96.43	28	syn	ATP5L2:NM_001165877:exon1:c.A39G:p.P13P	Y	Y	N
11	89429882	A	G	11	4	25	15	syn	FOLH1B:NM_153696:exon13:c.A1128G:p.R376R	Y	N	Y
17	40970834	T	C	16	2	11.11	18	nonsyn	BECN1:NM_003766:exon5:c.A322G:p.T108A	Y	N	Y

17	47782564	T	C	9	3	16.67	12	syn	SLC35B1:NM_005827:exon5:c.A450G:p.G150G	Y	N	Y
20	32693186	T	C	15	2	11.76	17	nonsyn	EIF2S2:NM_003908:exon2:c.A181G:p.T61A	Y	N	Y
X	120182330	A	G	14	3	14.29	17	syn	GLUD2:NM_012084:exon1:c.A792G:p.G264G	Y	N	Y
2	87244692	T	C	3	12	80	15	nonsyn	PLGLB2:NM_002665:exon2:c.A169G:p.K57E,PLGLB1:NM_001032392:exon2:c.A169G:p.K57E	N	Y	Y
2	178095529	T	C	32	4	11.11	36	nonsyn	NFE2L2:NM_006164:exon5:c.A1802G:p.D601A,NFE2L2:NM_001145412:exon5:c.A1754G:p.D585A,NFE2L2:NM_001145413:exon5:c.A1733G:p.D578A	N	Y	Y
8	97285615	A	G	16	2	11.11	18	nonsyn	PTDSS1:NM_014754:exon2:c.A268G:p.N90D	N	Y	Y
9	108097933	A	G	14	3	17.65	17	nonsyn	SLC44A1:NM_080546:exon4:c.A359G:p.Q120R	N	Y	Y
10	96702029	A	G	31	6	13.04	37	nonsyn	CYP2C9:NM_000771:exon3:c.A412G:p.K138E	N	Y	Y
17	1648692	A	G	3	32	78.05	35	syn	SERPINF2:NM_001165921:exon4:c.A168G:p.V56V	N	Y	Y
18	47317843	T	C	28	5	13.51	33	nonsyn	ACAA2:NM_006111:exon7:c.A880G:p.I294V	N	Y	Y

<sup>1</sup> Ref.=Reference;

<sup>2</sup> Var.=Variation

<sup>3</sup> Nonsyn, nonsynonymous; Syn, synonymous