

Table Obscn mutations in pre-neoplastic and tumor ECCLSC

Sample	Chr. position	Substitution	Category/ Type	HGVS.p	VAF (%)	Mutation
PN1	59056799	C>A	SNV/LOH	p.Gly4465Val	76.32	Missense
PN2	59056786 59042950 59056799	TCCCC>T T>C C>A	Indel/LOH SNV/LOH SNV/LOH	p.Gly4468fs p.Thr5363Ala p.Gly4465Val	83.33 90.91 88.24	Frameshift Missense Missense
PN3	59038459 59039150 59039164	G>C G>C T>A	SNV/LOH SNV/LOH SNV/LOH	p.Thr5310Ser p.Pro5080Ala p.Gln5075Leu	100 81.82 84.62	Missense Missense Missense
PN5	59041818 59041841 59041844 59130623	TGGGGCA>T C>T G>A C>T	Indel/Som SNV/Som SNV/Som SNV/Som	p.Arg797His p.Ala4847Thr p.Pro4846Ser p.Ala4853_Pro48 54del	35.71 42.86 35.71 41.67	Missense Missense Missense Disruptive inframe delet
T1	59032932 59051269 59099756 59129633	G>A G>C C>A C>T	SNV/Som SNV/Som SNV/Som SNV/Som	p.Ser5770Leu pHis4427Asp p.Ala1664Ser p.Asp862Asn	30 22.73 22.39 29.25	Missense Missense Missense Missense
T2	59056769 59056799	A>G C>A	SNV/LOH SNV/LOH	p.Met4475Thr pGly4465Val	75 84.62	Missense Missense
T3	59028995 59056065	C>A C>G	SNV/Som SNV/Som	p.Gly79Trp p.Gly4081Ala	45.16 41.03	Misense Missense
T4	59068008 59069061 59076194 59080757	C>A C>G C>G G>C	SNV/Som SNV/Som SNV/Som SNV/Som	P.Gln3405His p.Gly3327Arg p.Ala2869Pro p.Arg2211Gly	28.21 42.11 27.27 40	Missense Missense Missense Missense
T6	59034137 59103395 59124715 59041775	C<A G>A C>A T>C	SNV/Som SNV/Som SNV/Som SNV/LOH	p.Gly5718Val p.Arg1554Cys p.Cys977Phe p.Ile4869Val	38.1 25.32 21.74 75	Missense Missense Missense Missense