

EXTREMELY WELL DIFFERENTIATED CARCINOMA

Supplementary Table S3. Mutation profiles of the cases with available next-generation sequencing data

Case No.	Detected alteration	Histologic pattern	Stage
2	<i>NRAS</i> G12D mutation <i>STK11</i> Q220Pfs*38 mutation High <i>ERBB3</i> amplification (~ 12 copies) Strong <i>MDM2</i> amplification (~ 35 copies)	Gastric-type	T2N ^a M ^b
3	<i>PTEN</i> mutations (L108R, Y178C) <i>RET</i> R79Q mutation	Gastric-type	T3N+M+
9	<i>KRAS</i> G12D mutation <i>MYC</i> amplification (16 copies)	Intestinal-type	T3N0Mx

^aN+, nodal metastasis clinically assessed; ^bM+, distant metastasis clinically assessed.