

SUPPORTING INFORMATION

DNA COPY NUMBER ABERRATIONS IN ENDOBRONCHIAL LESIONS: A VALIDATED PREDICTOR FOR CANCER by *Robert A.A. van Boerdonk; Johannes M.A. Daniels; Peter J.F. Snijders; Katrien Grünberg; Erik Thunnissen; Mark A. van de Wiel; Bauke Ylstra; Pieter E. Postmus; Chris J.L.M. Meijer; Gerrit A. Meijer; Egbert F. Smit; Thomas G. Sutedja; Daniëlle A.M. Heideman.*

SUPPLEMENTARY TABLE 1. DETAILS OF BASELINE ENDOBRONCHIAL LESIONS: HISTOLOGY AND CORRESPONDING MOLECULAR FEATURES

Case subjects	Study ID	Routine histology diagnosis FFPE biopsy	Review histology diagnosis FFPE biopsy	Review histology diagnosis frozen biopsy	Aberrant genomic features (%)	CNA-based classifier
	1	N	ntd	LGD	27.6	pos
	2	SqM	miD	LGD	60.6	pos
	3	SqM	SqM	LGD	0.0	neg
	4	SqM	D-ind	no consensus (HGD / LGD)	78.2	pos
	5	moD	miD	no consensus (HGD / LGD)	71.0	pos
	6	SD	no consensus (ntd / SD)	HGD	58.2	pos
	7	SD	D-ind	D-ind	56.9	pos
	8	SD	moD	no consensus (D-ind / N)	0.2	neg
	9	SD	D-ind	ntd*	0.1	neg
	10	SD	SD	HGD	31.7	pos
	11	SD	ntd	D-ind	44.3	pos
	12	D-ind	SD	HGD	38.0	pos

Control subjects	Study ID	Routine histology diagnosis FFPE biopsy	Review histology diagnosis FFPE biopsy	histology diagnosis frozen biopsy	Aberrant genomic features (%)	CNA-based classifier
	1	SqM	SqM	LGD	0.0	neg
	2	SqM	no consensus (miD / SqM)	LGD	0.4	neg
	3	SqM	SqM	LGD	2.4	neg
	4	SqM	SqM	LGD	0.0	neg
	5	miD	miD	LGD	0.0	neg
	6	miD	miD	LGD	0.1	neg
	7	miD	SqM	LGD	0.0	neg
	8	miD	miD	LGD	0.0	neg
	9	moD	miD	LGD	0.0	neg
	10	moD	D-ind	D-ind	0.0	neg
	11	moD	ntd	LGD	0.0	neg
	12	moD	SqM	LGD	0.0	neg
	13	SD	SqM	LGD	0.0	neg
	14	SD	miD	LGD	0.0	neg
	15	SD	no consensus (moD / SqM)	N	0.1	neg
	16	SD	no consensus (moD / SqM)	LGD	0.0	neg
	17	SD	SD	HGD	0.0	neg
	18	SD	SqM	LGD	0.0	neg
	19	SD	miD	N	0.1	neg
	20	SD	ntd	N	0.0	neg
	21	SD	SqM	LGD	0.0	neg
	22	SD	D-ind	N	0.8	neg
	23	D-ind	ntd	LGD	0.1	neg
	24	N	ntd	D-ind	0.1	neg

LEGENDS FOR SUPPLEMENTARY TABLES

Histology review diagnoses are reported as the consensus diagnosis, or ‘no consensus’ (*i.e.*, no agreement between the two expert pathologists) with individual assignment indicated between brackets. Abbreviations used: D-ind, dysplasia-indefinite for grade; HGD, high-grade disease; LGD, low-grade disease; miD, mild dysplasia; moD, moderate dysplasia; N, normal histology; neg, negative (CNAs not present); ntd, not able to determine (*i.e.*, specimen of inadequate quality measures); pos, positive (CNAs present); SD, severe dysplasia; SqM, squamous metaplasia. *) absence of \geq CIS confirmed.