

Article

Clinical Interest of LMO2 Testing for the Diagnosis of Aggressive Large B-Cell Lymphomas

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Table S1. CD10 versus MYC gene status according diagnostic categories in 362 cases of LBCL with available results.

	BL	FL g3A	tDLBCL	DLBCL	HGBL-DH/TH	HGBL, NOS
CD10-positive cases (N) *	28	23	31	83	25	7
MYC-R	28/28 (100%)	0/23 (0%)	7/31 (23%)	10/83 (12%)	25/25 (100%)	6/7 (86%)
MYC non-R	0/28 (0%)	23/23 (100%)	24/31 (77%)	73/83 (88%)	0/25 (0%)	1/7 (14%)
CD10-negative cases (N) *	0	3	12	144	5	1
MYC-R		0/3 (0%)	4/12 (33%)	5/144 (3.5%)	5/5 (100%)	1/1 (100%)
MYC non-R		3/3 (100%)	8/12 (67%)	139/144 (96.5%)	0/5 (0%)	0/1 (0%)

* ($p < 0.005$); MYC-R, MYC rearranged; MYC non-R, MYC non-rearranged.

Table S2. Five year PFS and OS in 112 patients with aggressive LBCL treated with curative intention.

	5 year PFS		5 year OS		5 year OS at transformation	
Diagnosis						
FL g3A	NR		NR		NR	
tDLBCL	19		73		71	
DLBCL	65		70		77	
HGBL, NOS	50		50		50	
HGBL-DH/TH	21	$p = 0.007$	28	$p = 0.015$	29	$p = 0.013$
MYC-rearranged	25		40		39	
MYC non-rearranged	57	$p = 0.007$	77	$p = 0.008$	79	$p = 0.006$
MYC +	36		52		45	
MYC -	60	$p = 0.001$	80	$p = 0.001$	80	$p = 0.001$
LMO2 -	37		49		44	
LMO2 +	59	$p = 0.047$	83	$p = 0.002$	81	$p = 0.003$

Table S3. Clinicopathological features of patients with *LMO2* and *MYC* mRNA results.

Case #	Gender, age	Diagnosis	<i>LMO2</i> mRNA	<i>MYC</i> mRNA	<i>MYC</i> : <i>LMO2</i>	<i>MYC</i> status	Follow-up, months
#1	F 94	HGBL-DH/TH	0,0001	0,1180	803,45	R	DwD, 12
#2	M 54	HGBL-DH/TH	0,0014	0,2385	165,93	R	DwD, 1
#3	M 82	HGBL-DH/TH	0,0077	0,2284	29,67	R	DwD, 8
#4	M 61	HGBL-DH/TH	0,0167	0,0423	2,53	R	AneD, 105
#5	M 68	tDLBCL	0,0119	0,1119	9,39	R	AneD, 194
#6	F 78	tDLBCL	0,0079	0,0508	6,41	R	AneD, 87
#7	M 48	tDLBCL	0,0383	0,1265	3,30	A	DwD, 12
#8	M 77	DLBCL	0,0246	0,0107	0,44	G	Dned *, 49

R, rearranged; A, amplified; G, gained; DwD, dead with disease; AneD, alive with no evidence of disease; * Dned, dead with no evidence of disease (dead of liver disease).



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