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Detection of Clonal TRG and TRB Gene Rearrangements Using Next-Generation Sequencing

Presha Shah¹, Ying Huang¹, Kasey Hutt¹, Jeff Panganiban¹, Edgar Vigil¹, Roshanak Bob², Mark D. Ewalt³, James L. Zehnder⁴, Tim Stenzel¹, and Jeffrey E. Miller¹ ¹Invivoscribe Technologies, Inc., San Diego, CA USA, ²Institute for Pathodiagnostik Berlin, Germany, ³University of Colorado, Denver, CO USA, ⁴Department of Pathology, Stanford University Medical Center, Stanford, CA USA



TOD Islandisland		TRB MiSeq [®] vs. TRB IdentiClone [®] (Tube A/B/C)		
		Concordance (%)	86.4	
Cioliai	NOII-CIOIIai	Sensitivity (%)	75.0	
18	0	Specificity (%)	100.0	
		PPV (%)	100.0	
6	20	NPV (%)	76.9	

		TRG MiSeq [®] vs. TRG IdentiClone [®] 2.0	
TRG Identicione 2.0		Concordance (%)	94.1
Clonar	ittoin cionai	Sensitivity (%)	87.5
14	1	Specificity (%)	97.1
2	3/	PPV (%)	93.3
2	54	NPV (%)	94.4

	<i>TRB</i> MiSeq®	<i>TRG</i> MiSeq®	<i>TRB + TRG</i> MiSeq [®]
l .	19/60 (32%)	16/60 (27%)	20/60 (33%)
nal	41/60 (68%)	43/60 (73%)	39/60 (65%)

	TRB +TRG IdentiClone®		TRB + TRG MiSeq® vs. IdentiClone®	
	Clonal	Non-Clonal	Concordance (%)	84.1
	10		Sensitivity (%)	72.0
18	0	Specificity (%)	100.0	
	-	19	PPV (%)	100.0
/	/		NPV (%)	73.1

MiSeq® is a registered trademark of Illumina, Inc.

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