

•	RC9008-0387						
•	DAZ						
•	Methylation of DAZ Gene in Male Infertility						
•				•	NSC89-2314-B038-023		
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•	8808 ~ 8907						
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•	Wei, Hsiao-Jui						
•		Y					
•	Male infertility	DNA methylation	Y chromosome	Gene expression			
•			Y				Y
•	Methylation	m-RNA			Bisulfite P.C.R.		
•	<p>Y chromosome microdeletion is known to cause poor spermatogenesis. There are 10-15% male infertility patients who had Y gene microdeletion. However, still the etiology of most male infertility patients are unknown. Methylation is now was studied in many genes especially in the protooncogens and was known to cause dysfunction of gene expression without gene derangement. In this project we set up m-RNA in situ to detect gene expression. Bisulfite PCR is also developed to detect the gene methylation. We compare these patients' gene expression and DAZ gene promoter methylation.</p>						