

Vieira Lab Newsletter

HAPPY HOLIDAYS FROM THE VIEIRA LAB!

Lab Meeting Schedule 403 Salk Hall

December 17, 2010

When: 12pm

Where: 403 Salk Hall

Presenter: Dr. Takehiko Shimizu

Title: Localization of Third Molar Agenesis Using Mouse Genetics

Upcoming Events

Clinical Research Scholars Program

When: January 4, 2010

Where: LRC Salk Hall

Lab News

The Vieira Lab will feature a lecture from Dr. Takehiko Shimizu, assistant professor of Pediatric Dentistry from Nihon University, Japan. Before coming to Pittsburgh, Dr. Shimizu and his colleagues mapped a region (Figure) on mouse chromosome 3 (corresponding to human chromosome 4) possibly involved in the common third molar agenesis. This work further supports the role of genes in these common dental anomalies. Currently, Dr. Shimizu is studying genetics susceptibility to caries in humans as part of Dr. Vieira's NIH funded project.

positio	n locus	N_7e	N_7d	$N_7 dF_2$				
(cM)		_	_	_				
2.4	D3Mit164	_	-	₹				
		1	1	#				
49.0	D3Mit11	•		•				
51.1	D3Mit103		小 廟	$\dot{\Box}$				
52.5	D3Mit56			$\dot{\Box}$				
55.0	D3Mit106	↑庫		$\dot{\Box}$				
58.8	D3Mit216	🛊		$\dot{\Box}$				
61.8	D3Mit13	 	. 🕸	$\dot{\Box}$				
61.6	LefI	enion-		$\dot{\Box}$				
64.1	D3Mit290	E = 105		$\dot{\Box}$				
65.2	Egf	š 庫 -		$\dot{\Box}$				
66.2	D3Mit125	🛊		$\dot{\Box}$				
69.2	D3Mit196	🛊		$\dot{\Box}$				
71.8	D3Mit17	🛊		$\dot{\Box}$				
72.9	D3Mit260	√	\sqrt{a}	$\dot{\Box}$				
77.3	D3Mit200	•		•				
83.5	D3Mit322							
		(17)	(19)	(12)				
	ncy of presence	100	100	100				
of all M3 (%)								
: homozygosity for the EL allele								
 : homozygosity for the MSM allele 								
: heterozygosity for the EL/MSM allele								

DRDR Update

Recruitment Location

Endo

Module 1	507	Emergency Care	63	UDHS	8
Module 2	835	Oral Surgery	40	Orthodontics	141
Module 3	272	Pediatric Dentistry	123	Other	69
Module 4	128	Implant Center	14	AEGD	22
Dental Hygiene	143	Prosthodontics	8	Perio	6

Recruitment Summary

Subjects Recruited 2386
Subjects Declined 318
Compliance Rate 88%