E-Figure 6: R's whose corresponding  $\sigma$ s always fall into  $G_4$ 

LINGUO-INCISAL			GUTTURAL	INCISAL	MOLAR	LINGUAL	LABIAL
		日來	喻匣曉影	邪心從清精	疑群溪見	泥定透端	明並滂幫
				禪審床穿照		娘澄徹知	微奉敷非
	$G_1$						
	$G_2$						
	$G_3$						
	$G_4$	1 17	3 22 23 21	1 16 10 10 10	12 5 25 27	17 18 19 18	14 10 8 9