Description of short vowels							
	Tongue height	tongue position	lips	Shape			
/1/	close	position		Close i CENTRAL BACK Close i Rounded BACK Close i 7 0 Half-close e 3 6 0 Open ae 4 5 a			
/e/	half open	front	slightly	Close i 1 8 u Half-close e 2 7 0 Half-open g 4 5 0			
/æ /	open			Unrounded Rounded BACK Close i 1 8 u Half-close e 2 7 0 Half-open g 3 6 0 Open ae 4 2e 5 a			

Description of short vowels							
	Tongue	tongue	lips				
	height	position					
/^/	half-open	central	neutral	Unrounded Rounded FRONT CENTRAL BACK			
				Close i 1 8 u Half-close e 7 o Half-open g 3 6 o Open æ 4 5 a			
/a/	between half-open and open	Back	slightly rounded	Unrounded Rounded BACK Close i 1 8 u Half-close e 2 7 o Half-open g 3 6 o Open ae 4 5 10			
/ʊ/	half-close	nearer to the center	rounded	Unrounded Rounded BACK Close i			

/ ə /	between half-close and half-	central	neutral	Unrounded CENTR.	Rounded AL BACK
	open			Close i 1	8 u
				Half-close e	7 0
			Half-open g	6 0	
				Open ae 4	5 a