

**Table S4** The EST profiles of NADK family genes in rice

Pool Name	Total ESTs	ESTs of					
		<i>OsNADK1</i>	<i>OsNADK2</i>	<i>OsNADK3</i>	<i>OsNADK4</i>		
<b>Callus</b>	<b>162069</b>	CI309114.1	CF322589.1	CI369244.1	BP185052.1		
		CI067920.1	CI378330.1	CI371157.1	CF320309.1		
		CI310141.1	CF330661.1	CI386010.1	CF323256.1		
		CI071661.1	CF330662.1	CI607792.1	CI374620.1		
		CI078840.1					
		CI081084.1					
		CI083780.1					
		AU100967.1					
		C28575.1					
		CF306707.1					
		CF322444.1					
		CF322737.1					
		CI605789.1					
		CI375206.1					
		CI612152.1					
		CI378715.1					
		CI615150.1					
		CI381140.1					
		CI616362.1					
		CI384318.1					
		CI385295.1					
		CI619349.1					
		CI387387.1					
		CI621064.1					
		CI388476.1					
		CI621752.1					
		CI622304.1					
		CI390522.1					
		CI623608.1					
		<b>Root</b>	<b>67194</b>	CA753682.1	CI538761.1	CI553381.1	
				CI757906.1	CI540594.1		
				CI541204.1	CI544776.1		
CI547747.1	CA757976.1						
CI764339.1							
CI552904.1							
CI769209.1							
CI557176.1							
CI773193.1							
<b>Leaf</b>				CB673330.1	CI422742.1	BI811834.1	
		CB673331.1	CI649510.1	BI812492.1			
		BM420996.1	CF326325.1	BI812533.1			
		CF954946.1	CB637120.1	BM421122.1			
			BM420922.1	CB640927.1			

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		<i>OsNADK1</i>	<i>OsNADK2</i>	<i>OsNADK3</i>	<i>OsNADK4</i>		
Leaf	175658		CF952780.1	CB640936.1			
					CB641148.1		
					CB641149.1		
					CB668601.1		
					CB668602.1		
					CB672816.1		
					CB672817.1		
					CB621210.1		
					CB621211.1		
					CB631182.1		
					CB631183.1		
					CB631712.1		
					CB631713.1		
					CB631745.1		
					CB631746.1		
					CB634918.1		
					CB634919.1		
		Stem	124773	CI290106.1		CI000551.1	CI294744.1
				CI011570.1		CI002744.1	CI582348.1
CI315462.1				CI003993.1	CI025692.1		
CI565240.1				CI285451.1			
CI315995.1				CI312590.1			
CI318870.1				CI313050.1			
CI567931.1				CI313860.1			
CI320801.1				CI314419.1			
CI324799.1				CI314637.1			
CI574277.1				CI314673.1			
CI326861.1				CI315226.1			
CI576072.1				CI315751.1			
CI338448.1				CI316766.1			
CI584393.1				CI318471.1			
				CI319487.1			
				CI319632.1			
				CI320490.1			
				CI325433.1			
				CI329066.1			
		CI330978.1					
		CI331056.1					
		CI331479.1					
		CI331858.1					
		CI332320.1					
		CI336101.1					
		CI338661.1					

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Pool Name	Total ESTs	ESTs of			
		<i>OsNADK1</i>	<i>OsNADK2</i>	<i>OsNADK3</i>	<i>OsNADK4</i>
<b>Stem</b>				CI564123.1	
		CI339943.1	CI345121.1	CI339367.1	
		CI348716.1	CI356802.1	CI347085.1	
		CI592026.1	CI597776.1	CI354175.1	
		CI349851.1	CI597937.1	CI518671.1	
		CI595224.1	CI363229.1	CI522801.1	
		CI354242.1	CI364923.1	CI526437.1	
<b>Flower</b>	<b>134391</b>	CI357321.1		CI527302.1	
		CI598268.1		CI529495.1	
		CI360807.1		CI531006.1	
		CI517541.1		CI535215.1	
		CI735815.1			
		CI523464.1			
		CI741444.1			
		CI106258.1	EG709852.1		
		CI112020.1	CA762987.1		
		CI112565.1			
		CI113175.1			
<b>Panicle</b>	<b>136249</b>	CK044828.1			
		CK055927.1			
		CK061719.1			
		CK063004.1			
		CI736601.1	CI520833.1		
<b>Seed</b>	<b>32409</b>	CI518864.1	CI396842.1		
		CI737067.1			
		CI118744.1	CI744756.1	CI273468.1	CT858530.1
		CI223352.1	CR287023.1	EX449817.1	EX451307.1
		CI248486.1	CX106324.1	EX449818.1	CX104330.1
<b>Other*</b>		CT859916.1	CX110024.1	CI472611.1	
		BX899993.1	CI258913.1	CX118627.1	
		FG952358.1	CI225558.1		
<b>Total</b>		86	30	70	10

\*, The cDNA library (EST pool) was not constructed by a single tissue, but by the mixed or whole plant or unspecified tissue, and the ESTs of which were excluded in the analysis of EST profiles (**Figure 5B**).