

Cloned tRNA Genes

The table on the page opposite is a list of tRNA genes cloned from nuclei, chloroplasts, and mitochondria from *Vicia faba*, *Phaseolus vulgaris*, and *Triticum aestivum*. Clones are available from the individuals indicated.

References

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- Runeberg-Roos, P., J.M. Grienenberger, P. Guillemaut, L. Marechal, V. Gruber & J.H. Weil. 1987. Localization, sequence and expression of the gene coding for tRNA(Pro)(UGG) in plant mitochondria. *Plant Mol. Biol.* 9:237-246.

Compiled by
J. H. Weil

CNRS, Institut de Biologie moléculaire des Plantes (IBMP)
12, rue du Général Zimmer
67000 Strasbourg, France

Gene	Plant Source	Vector	Available From	Comments	Ref.
<i>trnL</i> (UAA)	<i>Vicia faba</i> chloroplasts	pBR322	A. Steinmetz, IBMP†	sequenced; contained in BamHI fragment	Bonnard et al., 1985
<i>trnL</i> (CAA)	" " "	"	"	"	"
<i>trnF</i> (CAA)	" " "	"	"	"	"
<i>trnP</i> (AGG)	<i>Phaseolus vulgaris</i> nuclear	pBR322	G. Green, IBMP†	sequenced; contained in EcoRI fragment	Green et al., 1986
<i>trnP</i> (UGG)	" " "	"	"	"	"
<i>trnL</i> (CAA)	<i>Phaseolus vulgaris</i> nuclear	pBR322	G. Green, IBMP†	sequenced, contained in EcoRI fragment	Green et al., 1987
<i>trnE</i> (UUC)	<i>Vicia faba</i>	pBR322	M. Kuntz, IBMP†	sequenced; two genes on the same clone	Kuntz et al., 1984
<i>trnY</i> (GUA)	chloroplasts	"	"	sequenced	"
<i>trnT</i> (GGU)	" " "	"	"	"	"
<i>trnW</i> (CCA)	<i>Triticum aestivum</i> chloroplasts	M13	J. M. Grienenberger, IBMP†	sequenced	Marechal et al., 1987
<i>trnP</i> (UGG)	" " "	"	"	"	"
<i>trnW</i> (CCA)	<i>Triticum aestivum</i> mitochondria	"	"	"	"
<i>trnP</i> (UGG)	<i>Triticum aestivum</i> mitochondria	M13	J. M. Grienenberger, IBMP†	sequenced	Runeberg-Roos et al., 1987

†IBMP: 12, rue du Général Zimmer, 67000 STRASBOURG, France