

13 applications for patents on the eucalyptus tree and its leaves have been filed. They cover 118 partial or complete gene sequences.

	Patent Number	Patent holder	Granted Y/N	Date filed	Gene	Function/Use
1.	WO 0012715	Advanced Technologies Cambridge	Pending	18/08/99	Expansin gene	To increase cell wall growth and fibre length for use in GM trees with altered growth and fibre characteristics
2.	AU 9950164	Forbio & Jaskstown	Pending	27/09/99	Promoter for EckT1 gene	For giving tolerance to salinity or low potassium levels
3.	US 5952486	Fletcher Challenge Forests & Genesis Res & Dev	Y 14/09/99	21/11/97	Partial peroxidase gene	Involved in lignin synthesis which gives rigidity to plants. Use in altering lignin content in trees to aid paper production.
4.	EP0970222	Zeneca	Pending	25/02/98	Cinnamoyl CoA reductase	To increase/decrease biomass of plants
5.	US 5850020	Fletcher Challenge Forests & Genesis Res & Dev	Y 12/12/98	10/09/97	CAD enzyme	Involved in lignin synthesis which gives rigidity to plants. Use in altering lignin content in trees to aid paper production
6.	WO 9813503	FB Investments	N	23/09/97	EGM2 promoter	Directs gene expression to reproductive organs of plant for use in GM tree production.
7.	AU 9539013	Commonwealth Sci & Ind. Res Org	Pending	22/11/95	AGE2 gene	Involved in flower development and can be used to produce sterile GM trees.

8.	WO 9519697	University of North Carolina State	N	19/01/95	Wood pulp marker	For use in tree breeding
9.	US 6015943	Centre for National Recherche Sci	Y 08/01/00	11/04/94	Cinnamoyl CoA reductase probe	To aid in regulation of lignin production in plants
10.	JP 06181775	Mitsui Gyosai Shokubutusu Bio Kankyusho	Pending	01/06/93	Cinnamyl dehydrogenase gene	To control lignin production in plants.
11.	EP 0882133	Forbio Res	Pending	19/02/97	EGM1 promoter	For control of gene expression in GM organisms
12.	FR 2739395	Centre for National Recherche Sci	Pending	03/10/96	Cinnamoyl CoA reductase	For use in improving digestibility of animal feed.
13.	EP 0584117	ICI	No	27/04/92	CAD sequences	To alter lignin synthesis for use in timber production.