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**Title:** Rapid gene discovery in plant parasitic nematodes *via* Expressed Sequence Tags

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**Abstract:** Projects currently underway are generating thousands of publicly available DNA sequences representing numerous genes from plant parasitic nematodes. Use of these data has the potential to revolutionise gene discovery, as well as aiding in genome physical mapping and expression profiling experiments. This article introduces sequences called expressed sequence tags or ESTs, which are single-sequence reads from randomly-selected cDNA clones. We review the process used to create these sequences and outline the strengths and weaknesses of ESTs as research tools. Instructions on how to access and use EST data also are provided.

*Découverte rapide de gènes chez les nématodes parasites des plantes: le point sur l'utilisation des Etiquettes de Séquences Exprimées* - Les projets actuellement en cours génèrent des milliers de séquences d'ADN, publiquement disponibles, représentant de nombreux gènes de nématodes parasites des plantes. L'utilisation de ces données pourrait révolutionner la découverte des gènes en facilitant aussi bien les expériences de cartographie physique que celles de profils d'expression. Cet article présente les séquences dérivées de clones d'ADNc sélectionnés au hasard, appelées étiquettes de séquences exprimées (ESTs). Nous exposons le processus utilisé pour les générer de même que les avantages et les inconvénients des ESTs comme outils de recherche. Les instructions concernant l'accès et l'utilisation des ESTs sont également fournies.

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