



NEWS RELEASE - FOR IMMEDIATE RELEASE

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**Syngene G:BOX Chemi XT4 for Whole Plant Imaging Application
Helps Scientists Accurately Track and Analyze Fluorescent Proteins**

Frederick, MD: Syngene, a world-leading manufacturer of image analysis solutions is delighted to announce that its advanced G:BOX Chemi XT4 imaging system can be used to safely visualize and analyze fluorescently labeled proteins in whole plants, allowing scientists to accurately detect how much of their marker proteins are being expressed, and where.

Using a G:BOX Chemi XT4 system fitted with safe, blue LED lighting and filter (Syngene UV, or short pass filters), fluorescent proteins such as GFP fusions of microtubule binding proteins are easily visualized in whole plants. Since the light tight cabinet which comes with the G: BOX XT4 system is spacious, plants including Arabidopsis will easily fit into the cabinet.

To make plant imaging quick and simple, the G:BOX Chemi XT4 system is controlled by Syngene's intuitive GeneSys software, which automatically sets up the optimum imaging conditions for every fluorescently labeled protein. This means plant biologists can capture a high-quality whole plant image in seconds, with minimum training. To save time with quantifying proteins, the G:BOX Chemi XT4 system also includes GeneTools image analysis software, enabling researchers to instantly determine how much of their marker proteins are being expressed.

Laura Sullivan, Syngene's Divisional Manager explained: "Many researchers want to trace their plant proteins and record the results easily but until now there hasn't been an imaging system that could do this quantitatively. We're delighted that our technical team has worked on this problem to determine not only the best, but also the safest imaging conditions for visualizing fluorescently labeled plant proteins. This new application means the Syngene G:BOX Chemi XT4 is the best system for plant biologists wanting a simple method of pinpointing where and how much of their fluorescent proteins are being expressed in whole plants."

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Syngene is a division of the Synoptics Group. Registered in England. No 1874861

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Note to Editors

About Syngene

Syngene is a world-leading supplier of integrated imaging solutions for analysis and documentation of gel-based information. Syngene's systems are used by more than 10,000 research organizations and over 50,000 individual scientists world-wide and include many of the world's top pharmaceutical companies and major research institutes.

Syngene, founded in 1997, is a division of the Synoptics Group based in Cambridge, UK. The Group's other divisions, Syncroscopy and Synbiosis, specialize in digital imaging solutions for microscopy and microbial applications respectively. Synoptics currently employs 40 people in its UK and subsidiary operation in Frederick, USA.