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seqWell launches AgriPrepâ?¢ Library Prep Kit for low coverage whole genome sequencing

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seqWell, a global provider of genomic library and multiplexing workflow solutions, announced the launch of AgriPrepâ?¢ Library Prep Kit, the newest addition to its next-generation TnXâ?¢ transposase product portfolio. AgriPrep is designed to facilitate adoption of low-pass whole genome sequencing (LP-WGS) & SKIM-sequencing approaches that provide genome-wide insights at a fraction of the cost of WGS.

â??We have been trialing the seqWell AgriPrep method in our NGS service lab for low-pass whole genome sequencing and have been impressed by the workflow simplicity and the resulting cost-savings." Joris Parmentier, Assoc. Portfolio Dir. NGS at LGC Biosearch

AgriPrep is a tagmentation-based library preparation technology powered by seqWellâ??s one-step ExpressPlex workflow, a simple 100-minute workflow requiring only 30 minutes of hands-on time. Availability of up to 3072 built-in indexes, protocol simplicity, and the ease of automation enable the ultra-high throughput scalability required for agrigenomic applications such as parentage analysis, genomic selection, trait mapping, and variant discovery.

Joris Parmentier, Associate Portfolio Director NGS at LGC Biosearch Technologies, commented, â??We have been trialing the seqWell AgriPrep method in our NGS service lab for low-pass whole genome sequencing and have been impressed by

the workflow simplicity and the resulting cost-savings. The method shows promise for high throughput workflows in combination with the appropriate automation, and up- and downstream technology compatibility."

â??The rapid adoption of AgriPrep by small and large service providers and Agricultural Biotechnology companies pays tribute to the scope of the previously unmet need for affordable and scalable library prep within agrigenomics,â? said Jack Leonard, co-founder and CTO at seqWell. â??We believe relieving the NGS library prep bottleneck will have far reaching impacts on the conversion from microarrays to low-pass WGS bringing with it a wealth of actionable insights for more informed breeding and cultivation decision making.â?