

Segolip Primer Ordering Service

Upon closure of the then 'SegoliP Oligonucleotide synthesis unit', a majority of SegoliP regular customers who utilized the service were stranded. To procure and ship primers from an external supplier outside Africa was both a laborious and exorbitant exercise that didn't make any economic sense. Also, the one-on-one client interaction and advisory component was lost. To cushion this gap, and out of great concern for our already established and agonized clientele, Segolip management took the initiative to alleviate this problem. The monthly primer consolidation initiative was instituted that ensured the following:

1. The burden of scouting for primer vendors was taken off the client shoulders and taken up by Segolip unit who have the inherent knowledge of where to buy.
2. Timely ordering of primers to circumvent delay in planned activities in the part of the client.
3. Primers were obtained from a reliable source and at a cost-effective charge with no compromise on quality and quantity.
4. Clients savored the privilege of bulk buying where freight charges are shared between individual clients ordering and thus mitigating on individual cost.
5. Clients were advised from an experienced point of view on some parameters on their order.

To tap into this service and enjoy the overwhelming experience, ensure:

1. You submit your order before the 3rd Wednesday of the month. Checkout for primer Ordering form from the Segolip website and download the form.
2. Populate the form with your primer's information and upload. Ensure the correct primer specifications are enlisted in the right fields in the ordering form.
3. We encourage a meticulous look on your order to verify:
 - a. Accurate primer sequence. A one base mismatch can render the primer un useful.
 - b. Preferred synthesis scale is selected.
 - c. Preferred purification method is selected
 - d. Correct modification on either the 5' or 3' end of the primers in case of labeled primers and probes.
 - e. Internal modifications are in correct position.
 - f. Ensure your primers are appropriately designed for the intended region of interest and to prevent primer dimer formation.
 - g. Primer Tm is appropriate for the desired applications.
4. An invoice will be processed for external orders and uploaded on the website for the client to download for payment processing.

NB/ It's advisable to process payments while the synthesis and shipment process is on course to circumvent further delay in the release of primers once the shipment is received.

5. For clients within ILRI with budget code, after uploading your orders, kindly process your payment through OCS and share the requisition number.

KASP PRIMER DESIGN

1. For KASP primer design service, access and download the KASP ordering form from the Segolip website.
Provide all the info requested in the form in the respective field. Be keen to provide the following:
 - a. At least 250 bases on either side of the SNP. The SNP should be enclosed with square brackets with the Alleles separated with a backslash [/].
 - b. The purpose of the primers (e.g., QC, validation, trait mapping etc.)
 - c. Indicate the reference Assembly used to facilitate designing of genome specific primers especially for the polyploidy species.
2. After designing, the procurement process described earlier will ensue.