

create_primer3_input

```
graph TD; A[create_primer3_input] --> B[run_primer3]; B --> C[generate_probe_pairs]; C --> D[blast_against_ref]; E[prepare_blast_database] --> D; D --> F[specificity_trim]; F --> G[select_probes_pairs]; G --> H[all];
```

The flowchart illustrates a sequential process for probe selection. It begins with 'create_primer3_input' (red box), followed by 'run_primer3' (green box), and 'generate_probe_pairs' (yellow box). 'generate_probe_pairs' and 'prepare_blast_database' (blue box) both lead to 'blast_against_ref' (orange box). This is followed by 'specificity_trim' (teal box), 'select_probes_pairs' (light green box), and finally 'all' (cyan box). Arrows indicate the downward flow of the process.

run_primer3

generate_probe_pairs

prepare_blast_database

blast_against_ref

specificity_trim

select_probes_pairs

all