# **Request for bed file creation**

Use this form to request the creation of a single BED file (one Pan number). If RPKM and coverage bedfiles are required please submit these on seperate forms.

**Instructions:**

* **Add genes symbols and/or transcripts to a panel in Moka**
* **Add panel description to Moka**
* **Answer following questions:**

1. **Pan number of bed file to be created:**

Pan4349

1. **Panel description/name**

|  |  |  |
| --- | --- | --- |
| **Category** | **SubCategory** | **Panel** |
| VCP2 Viapath | R208 CNV +/-30 5’ UTR +30 for all genes +Pan4350 | VCP2 Viapath R208 CNV +/-30 5’ UTR +30 for all genes +Pan4350 |

1. **Is this BED file for RPKM?** (delete as appropriate)

No – it is for CNV but not RPKM

1. **Is this BED file exclusively based on coordinates provided by a supplier** (e.g SNP identity kits).

No

* 1. If yes, does this need further padding?

N/A

1. **Should specific transcripts be used to create the bed file? (as opposed to all transcripts)** (delete as appropriate)

Yes

|  |  |
| --- | --- |
| BRCA1 | NM\_007294 |
| BRCA2 | NM\_000059 |
| PALB2 | NM\_024675 |

* 1. **If specific transcripts are to be used have you provided multiple transcripts for the same gene?** (if Yes please state)

No

1. **What padding is required around the exons?**

30bp

1. **Should UTRs be included for ALL genes?** (delete as appropriate)

Yes – 5’ only

* 1. **Should UTRs be padded?**

Yes, 30bp

1. **Are UTRs required for SOME genes?** (delete as appropriate)

N/A

* 1. **Please list genes/transcripts.**
  2. **Should UTRs be padded?**

1. **Any additional BED files to be included in this BED file?** Yes

Please state Pan numbers of additional bed file(s)

Pan4350 – R208 intronic CNV regions

1. **Are any further regions required to be added?**

No

**Requested by: M Yau**

**Requested date:** 09/03/2021