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graph LR
    A["OCD RADICAL FREEB... B"] --- B["RADICAL B"]
    B --- C["FUGLEMAN B"]
    B --- D["OCD CAPTAIN RAE 63... K"]
    C --- E["OCD CAPTAIN RAE 63... K"]
    D --- F["- K"]
    F --- G["HOL840F003251665851"]
  
```

The diagram illustrates a network structure with the following nodes and connections:

- Node A (Green):** OCD RADICAL FREEB... B
- Node B (Black):** RADICAL B
- Node C (White):** FUGLEMAN B
- Node D (Grey):** OCD CAPTAIN RAE 63... K
- Node E (Grey):** OCD CAPTAIN RAE 63... K
- Node F (Black):** - K
- Node G (Grey):** HOL840F003251665851

Connections:

- Node A connects to Node B.
- Node B connects to Node C and Node D.
- Node C connects to Node E.
- Node D connects to Node F.
- Node F connects to Node G.

## FUNCTIONAL TRAITS - CONFORMATION

| Trait                            | Type of evaluation | EBV | 80          | 100 | 120 | Rep. | Number of daughters | Number of barns |   |   |
|----------------------------------|--------------------|-----|-------------|-----|-----|------|---------------------|-----------------|---|---|
| Frame with Rump                  | -                  | -   | small       |     |     |      | tall                | -               | - |   |
| Dairy Strength                   | -                  | -   | undesirable |     |     |      | desirable           | -               | - |   |
| Feet & Legs                      | GMACE              | 90  | undesirable |     |     |      | desirable           | 0.43            | - | - |
| Udder                            | GMACE              | 119 | undesirable |     |     |      | desirable           | 0.51            | - | - |
| Overall Conformation             | GMACE              | 108 | undesirable |     |     |      | desirable           | 0.51            | - | - |
| Stature                          | GMACE              | 108 | short       |     |     |      | tall                | 0.78            | - | - |
| Body Depth                       | GMACE              | 82  | shallow     |     |     |      | deep                | 0.61            | - | - |
| Chest Width                      | GMACE              | 77  | narrow      |     |     |      | wide                | 0.65            | - | - |
| Rump Angle                       | GMACE              | 86  | high pins   |     |     |      | low pins            | 0.77            | - | - |
| Rump Width                       | GMACE              | 103 | narrow      |     |     |      | wide                | 0.75            | - | - |
| Rear Leg Set Side View           | GMACE              | 109 | straight    |     |     |      | sickled             | 0.74            | - | - |
| Foot Angle                       | GMACE              | 97  | low         |     |     |      | steep               | 0.57            | - | - |
| Rear Leg Set Rear View           | GMACE              | 85  | toe-out     |     |     |      | parallel feet       | 0.60            | - | - |
| Fore Udder                       | GMACE              | 121 | loos        |     |     |      | tight               | 0.68            | - | - |
| Rear Udder Height                | GMACE              | 119 | short       |     |     |      | very high           | 0.58            | - | - |
| Udder Support (Central Ligament) | GMACE              | 93  | broke       |     |     |      | strong              | 0.66            | - | - |
| Udder Depth                      | GMACE              | 118 | very low    |     |     |      | shallow             | 0.77            | - | - |
| Udder Width                      | -                  | -   | narrow      |     |     |      | apart               | -               | - | - |
| Front Teat Placement             | GMACE              | 108 | apart       |     |     |      | narrow              | 0.80            | - | - |
| Teat Length                      | GMACE              | 77  | short       |     |     |      | long                | 0.73            | - | - |
| Rear Teat Placement              | GMACE              | 104 | outside     |     |     |      | inside              | 0.78            | - | - |
| Dairy Character                  | GMACE              | 113 | coarse      |     |     |      | angular             | 0.56            | - | - |
| Condition                        | GMACE              | 70  | poor        |     |     |      | tight               | 0.69            | - | - |
| Locomotion                       | GMACE              | 102 | poor        |     |     |      | excellent           | 0.41            | - | - |
| Bone Structure                   | -                  | -   | poor        |     |     |      | excellent           | -               | - | - |

## WORKABILITY

| Trait         | Type of evaluation | EBV | 80 | 100 | 120 | Rep. | Number of daughters | Number of barns |
|---------------|--------------------|-----|----|-----|-----|------|---------------------|-----------------|
| Milking Speed | GMACE              | 114 |    |     |     | 0.21 | -                   | -               |
| Temperament   | GMACE              | 101 |    |     |     | 0.07 | -                   | -               |

## CALVING

| Trait                 | Type of evaluation | EBV | 80 | 100 | 120 | Rep. | Number of daughters | Number of barns |
|-----------------------|--------------------|-----|----|-----|-----|------|---------------------|-----------------|
| Direct Calving Ease   | GMACE              | 111 |    |     |     | 0.38 | -                   | -               |
| Maternal Calving Ease | GMACE              | 102 |    |     |     | 0.46 | -                   | -               |

| Trait                   | Type of evaluation | EBV | 80 | 100 | 120 | Rep. | Number of daughters | Number of barns |
|-------------------------|--------------------|-----|----|-----|-----|------|---------------------|-----------------|
| Direct Calf Mortality   | GMACE              | 101 |    |     |     | 0.39 | -                   | -               |
| Maternal Calf Mortality | GMACE              | 112 |    |     |     | 0.60 | -                   | -               |

HOOF HEALTH

| Trait              | Type of evaluation | EBV | 80 | 100 | 120 | Rep. | Number of daughters | Number of barns |
|--------------------|--------------------|-----|----|-----|-----|------|---------------------|-----------------|
| Digital dermatitis | -                  | -   |    |     |     |      | -                   | -               |